



Visionary Innovation for Business Leaders Integrating Digital Expertise and Advantage

THE **BOOK**

2024/2025

Gear up for an amazing experience!

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Visionary Innovation for Business Leaders Integrating
Digital Expertise and Advantage

Get to know us

At **VIBLIDEA**, we are passionate about driving **business transformation** through **advanced IT services**. We bring expertise in software development, digital transformation, and technology integration, creating solutions that are both innovative and aligned with our clients' strategic goals.

Our approach helps businesses tackle digital challenges with confidence, ensuring each solution is customized to meet their unique needs.

Our team combines in-depth industry knowledge with creative problem-solving, enabling us to build resilient, scalable, and high-performance digital infrastructures. From initial concept to final implementation, VIBLIDEA supports organizations in unlocking new opportunities for growth and maintaining a competitive edge in today's rapidly evolving tech landscape.

Together, let's forge the future of digital innovation!



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Our Vision

VIBLIDEA envisions a world where technology fuels limitless potential, empowering businesses to innovate and excel. We strive to be leaders in IT services, delivering solutions that simplify complexities and drive impactful change across industries. By fostering trust, transparency, and excellence, we aim to be more than just a service provider, we seek to be a strategic partner, guiding our clients on the path to digital success.

Our commitment is to help organizations of all sizes adapt and thrive in an ever-evolving digital landscape, providing scalable, sustainable, and forward-thinking solutions. Through our dedication to integrity, quality, and collaboration, we create dynamic digital experiences that help organizations evolve, maximize productivity, and sustain a competitive edge. We envision a future where technology serves as a powerful tool for continuous growth, helping businesses reach new heights and establish enduring value. Together, we shape a future where technology enhances success, sparks innovation, and drives meaningful progress for all.



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Our Mission

At **VIBLIDEA**, our mission is to empower businesses through transformative IT solutions that enable growth, resilience, and a competitive edge. We are committed to providing top-tier technology services that address unique challenges and unlock new opportunities for our clients. With a focus on innovation and adaptability, we strive to deliver solutions that are not only effective today but also prepared for tomorrow's demands.

Our mission extends beyond technology; we aim to build strong, lasting partnerships founded on trust, transparency, and measurable success. By aligning our efforts with our clients' strategic objectives, we help them achieve operational excellence, optimize processes, and accelerate digital transformation. At VIBLIDEA, we believe in harnessing the power of technology to create positive impact, drive sustainable growth, and pave the way for a brighter digital future for our clients and their customers.



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How to apply ?



Send your application

1. Select a maximum of **3 subjects**.
2. Attach your **CV** and a **cover letter**.
3. In the email subject, specify:
VIBLIDEAPFE'25: [Subject Reference]
4. Send your application to: **internship@viblidea.com**

Interview



HR & Technical interview



Validation

You will receive a reply ASAP

Welcome and Integration



Our team will be ready to support and guide you



Ref: VIB-S01

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Subject 01

Development of a cross-platform Application for Animal Adoption

Description:

Create a mobile cross-platform application that aims to establish a digital solution to facilitate animal adoption and reduce abandonment by **connecting potential adopters** with those **seeking to rehome animals**. The objective is to design an intuitive user interface where users can create profiles, view a feed of adoptable animals, and filter options by category (species, age, etc.).

Users can **post adoption listings** that include details such as age, gender, and images of the animal, with options for interactions like rating, commenting, and saving animals to favorites. A messaging feature enables users to arrange meetings for adoptions.

An admin back-office is implemented to **efficiently manage the system**, ensuring the app's security, reliability and enhance the overall user experience.

Key Skills:

Flutter, Dart, JS/TS, React/NextJS, NestJS, PHP Laravel, PostgreSQL, Firebase, RESTful APIs, Push Notifications, Docker, Figma

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



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Subject 02

Development of a Comprehensive Document Reporting Platform

Description:

Set up a platform that aims to provide users with a powerful web application for **comprehensive document management** and **manipulation**.

Users will be able to upload, edit, and create various document types, focusing primarily on **PDFs**. The application offers functionalities such as merging and splitting PDFs, converting files to and from PDF formats, and generating customized documents like invoices and contracts. Additionally, users can electronically sign documents, add watermarks, and optimize file sizes through compression. With an **intuitive interface** and **robust features**, the platform empowers users to efficiently manage their documents while ensuring high-quality outputs tailored to their specific needs. This platform is designed for both **personal** and **professional** use, streamlining document workflows and enhancing productivity.

Key Skills:

JS/TS, React/NextJS, NestJS, PHP Laravel, PostgreSQL, RESTful APIs, UI/UX Design, Data Security, File Handling, PWA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S03

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Subject 03

Development of a Personal Document Builder Mobile Application

Description:

Create a **personal Document Builder Mobile App**, which enables users to effortlessly design **professional** documents, including **CVs, resumes, cover letters**, and **portfolios**.

Users can select from a library of free templates and **customize** them by changing colors and layouts while easily inputting their personal information. Once finalized, users can **download** their documents in various formats (PDF, DOCX, etc.) or **print** them directly via a Bluetooth connection.

The app needs to offer a service for **requesting customized document** designs tailored to specific needs.

With **promotional offers** and **discounts**, this app aims to provide an accessible and efficient solution for enhancing professional presentations.

Key Skills:

Flutter, Dart, UI/UX Design, Figma, Document Generation, File Handler, Payment Integration, Firebase, Notification system

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1

- **Work Arrangements:** Fully remote

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Ref: VIB-S04

Subject 04

Development of a Community Platform for Amateur and Student Musicians

Description:

This project involves the creation of a **web application** dedicated to amateur musicians and music students. The platform provides a secure space where users can centralize their musical recordings, document their progress, and interact with a community of like-minded individuals. Each musician can **create a personal account, upload or record their tracks**, and associate them with informations. A key feature of the application is the ability to **add multiple versions of the same recording**, allowing users to track and compare their musical development. Users can also **exchange feedback** and receive constructive **comments from other members**, fostering an environment of learning and collaboration. The aim of this project is to support musicians in their journey by offering an interactive and evolving platform tailored to their needs.

Key Skills:

Laravel, PHP, Microservices, React, PostgreSQL, File Handler, Firebase, Notification System, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote

**VIBLIDEA**

Ref: VIB-S05

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Subject 05

Development of a Mobile Application for Athletes

Description:

This project involves the development of a **mobile application** dedicated to athletes, particularly runners and cyclists. The app provides users with the **ability to plan routes based on their starting point, destination, and desired distance**. By leveraging **mapping technology**, the application suggests suitable circuits for running or cycling, ensuring a tailored experience for each user. Additionally, users can track their activities **in real-time**, with the app recording essential statistics such as distance, duration, and calories burned. An integrated **history feature** allows users to revisit past routes, enhancing their training experience. The application will support both **authenticated and unauthenticated modes**, providing a seamless experience for all users. Overall, this mobile application aims to foster a community of athletes by facilitating route planning and activity tracking, ultimately promoting a healthier lifestyle.

Key Skills:

Flutter, Dart, UI/UX Design, Figma, Firebase, Notification System, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1

- **Work Arrangements:** Fully remote



Ref: VIB-S06

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Subject 06

Development of a Web Application for Coworking Space Management (SaaS)

Description:

This project focuses on developing a Software as a Service (**SaaS**) application dedicated to managing coworking spaces in Tunisia. The application aims to streamline the management of coworking facilities by providing an intuitive interface for both administrators and users, accessible from any device with an internet connection. Key features include a robust management system for coworking space listings, **user registration and profile management**, and an **online reservation** system equipped with a **real-time availability calendar** and **notification module**. Additionally, the application will offer insightful usage **statistics** to help facility managers understand booking trends and optimize operations. A **maintenance system** will enable users to report issues efficiently, while conflict management features will address double booking scenarios, ensuring a seamless experience for all users.

Key Skills:

Laravel, PHP, React/NextJS, PostgreSQL, Notification System, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote

**VIBLIDEA**

Ref: VIB-S07

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Subject 07

Development of a Web Application for Secure Online Election Platform

Description:

A secure online election platform utilizing **blockchain technology** to ensure transparency and integrity in the **voting process**. The platform manages voter registration, candidate profiles, a tamper-proof voting system, and real-time result tracking. Leveraging blockchain, each vote is recorded as an **immutable transaction**, enhancing security and trust. Voters enjoy an intuitive interface, while candidates can upload promotional videos. Administrators oversee the election setup, monitor participation, and verify vote authenticity through blockchain's decentralized and encrypted ledger.

Key Skills:

Laravel, PHP, ReactJS, PostgreSQL, OAUTH2, Security, Blockchain, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S08

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Subject 08

Development of a Storytelling Mobile Game

Description:

Create an interactive **mobile storytelling game** that blends **visual novel elements** with **choice-driven gameplay**. Players embark on a thrilling adventure, making choices that influence the story and unlock multiple endings. Each decision affects character relationships and personal progress, **encouraging replayability**. A personality feedback feature provides insights based on user choices.

Key components include a notification system for story updates, a **coin-based currency** for purchasing exclusive options, a **sound effects** library, a history system to track past decisions, and in-depth character profiles. The game aims to keep players engaged while delivering an immersive, personalized experience.

Key Skills:

Flutter, Dart, Firebase, In-App Purchases, RESTful APIs, Sound Management, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote

**VIBLIDEA**

Ref: VIB-S09

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Subject 09

Development of an Interactive Productivity App – Wangle

Description:

Develop an interactive productivity app, "**Wangle**," to make users' **downtime engaging** and **productive**.

The app provides a collection of **brain-stimulating activities**, including **puzzles, challenges**, and **riddles**, to enhance focus and cognitive skills.

Users earn rewards for completing challenges, which are designed to gradually increase in difficulty to keep them motivated and entertained. A timer tracks productivity, helping users balance work and play effectively. With features like progression tracking, reminders, and in-app currency for extra challenges, the app aims to turn **free time** into a **rewarding experience**.

Key Skills:

Flutter, Dart, Firebase, Game Mechanics, User Engagement Analytics, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S10

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Subject 10

Development of an Audio Stories Mobile App

Description:

Build a mobile app dedicated to **streaming short**, engaging **audio stories** designed for **quick, daily listening**.

Each story offers **episodes** with a runtime of around **5 minutes**, allowing users to enjoy **bite-sized content** on the go.

The app includes features like **image** and **subtitle support** for **visual enhancement**, a **multilingual** interface, a **“Favorites”** section, and **notifications for new content**.

Users can easily navigate between episodes or revisit past favorites.

This project aims to create a personalized, immersive experience for audio enthusiasts.

Key Skills:

Flutter, Dart, Audio Streaming, Firebase, Multi-Language Support, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S11

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Subject 11

Freelancer-Client Marketplace Mobile App

Description:

Develop a mobile app connecting **freelancers** and **clients** for streamlined project collaboration.

The app features comprehensive profiles, **job postings**, **proposal submissions**, and an **in-app messaging system** to enable smooth communication. A ratings and reviews feature builds trust and allows for verified skills, while integrated secure payment options facilitate easy transactions. Additional features include project management tools for task tracking and milestone setting.

This **marketplace** app aims to create a **reliable platform** for freelancers to showcase skills and for clients to find quality talent efficiently.

Key Skills:

Flutter, Dart, Firebase, Payment Integration, RESTful APIs, PostgreSQL, NestJS, PHP Laravel, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S12

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Subject 12

VIBLIDEA Employee Assistant Mobile App

Description:

Create a mobile app for **VIBLIDEA employees** to enhance productivity and streamline communication within the team. Key features include a **time-tracking** tool, an **internal chat system**, and a **company chatbot** that assists employees by answering common queries about company policies and resources.

The app also includes a personal profile section for managing tasks and goals. By consolidating various tools into one interface, this project aims to improve **operational efficiency** and **team collaboration**.

Key Skills:

Flutter, Dart, Firebase, Chatbot Integration, Time Tracking, RESTful APIs, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S13

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Subject 13

VIBLIDEA Customer Service Chatbot

Description:

Develop a **customer service chatbot** for **VIBLIDEA's** website to provide **24/7 support** and handle **FAQs**.

The chatbot will utilize natural language processing (**NLP**) for accurate response generation, perform sentiment analysis to assess customer mood, and escalate complex queries to human agents when necessary. This chatbot aims to **reduce response times, improve customer satisfaction, and optimize support resource allocation** by addressing routine questions.

Core project areas include integrating NLP and AI techniques, handling real-time web interaction, and creating a scalable, secure chatbot interface.

Key Skills:

Natural Language Processing (NLP), Sentiment Analysis, Chatbot Development, Web Integration, Python, Firebase, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S14

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Subject 14

AI-Powered Recruitment Tool

Description:

Develop an **AI-powered recruitment tool** designed to optimize the hiring process by **automating resume screening, ranking candidates** based on relevant skills, and **scheduling interviews**.

Key functionalities include resume parsing for data extraction, an algorithm that matches candidate skills to job requirements, automated candidate ranking, and interview scheduling. By streamlining these tasks, the tool saves HR time, reduces hiring bias, and improves candidate matching accuracy.

Ideal for our HR team to modernize our recruitment process, this project requires proficiency in machine learning, automation, data parsing, and web development, along with UI/UX design to ensure a user-friendly experience for recruiters.

Key Skills:

Python, ML, Data Parsing, RESTful APIs, Automation, React/NextJS, NestJS, PHP Laravel, PostgreSQL, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S15

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Subject 15

Content Strategy Development for VIBLIDEA's Social Media and Website

Description:

Design and execute a **dynamic content strategy** to boost **VIBLIDEA's online visibility** and **engagement** on social media and its website.

This project involves **analyzing current platforms, creating engaging posts, multimedia content**, and using analytics tools to **measure performance**.

The strategy will emphasize high-quality visuals, regular interaction with followers, and content tailored to the brand's tone and audience interests. The goal is to build an engaged community around **VIBLIDEA** and enhance its online brand presence.

Key Skills:

Social Media Management, Content Creation, Graphic Design, Analytics, SEO, UI/UX Design, Video editing, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S16

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Subject 16

Development of VIBLIDEA's Management Tool

Description:

Develop a comprehensive **web-based management platform** for **VIBLIDEA**, incorporating a **CRM**, **project management** tools, internal **chat**, and **timesheet tracking**.

This platform centralizes key operational functions, enhancing **productivity** and **simplifying team collaboration**. Features include client relationship management, a calendar for scheduling, task overviews, and real-time communication.

The tool aims to streamline **workflows** and make project management more **efficient**.

Key Skills:

React, NestJS, PostgreSQL, Firebase, WebSockets, RESTful APIs, Project Management Tools, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S17

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Subject 17

Automated CI/CD Pipeline for Kubernetes Applications Using GitLab CI/CD

Description:

This project focuses on designing and implementing a robust **CI/CD pipeline** using **GitLab CI/CD** integrated with **Kubernetes**. It enables seamless code integration, **automated testing**, and **continuous deployment** of **containerized applications** to a Kubernetes cluster. With built-in **security scanning**, **rolling updates**, and **rollback capabilities**, this solution ensures efficient and reliable application delivery across staging and production environments.

The project also incorporates **monitoring** and **logging** with **Prometheus** and **Grafana**, providing real-time insights into application performance and system health, essential for DevOps automation and scalability.

Key Skills:

GitLab CI/CD, Docker, Kubernetes, Helm, Prometheus, Grafana, and potentially ELK Stack or Loki for logs

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S18

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Subject 18

Development of Social Media Platform for Book Lovers

Description:

This project focuses on developing a **social media platform** designed specifically for **book enthusiasts**, where users can connect, **share experiences**, and **explore new books**.

The platform allows users to create personalized profiles, track their reading progress, write reviews, and rate books. Users can also **receive tailored book recommendations** based on their reading preferences. In addition, the app provides features for users to join book clubs, **participate in discussions**, and interact with fellow readers.

The main goal of this project is to create a vibrant and engaging community where users can discover books, share their literary journeys, and stay motivated in their reading goals

Key Skills:

Flutter, Dart, Firebase, PHP Laravel, RESTful APIs, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



Ref: VIB-S19

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Subject 19

Development of Virtual Art Gallery Platform for Paintings: Web and Mobile Application

Description:

This project involves the development of a **web and mobile application** dedicated to a **virtual art gallery**, primarily focused on **paintings**. The platform will showcase **artworks** available for **online purchase**, offering a wide range of **ready-made paintings** and options for **custom orders** to meet individual client preferences. Users can explore **curated collections**, place orders, and even participate in **virtual exhibitions** hosted within the app. A **3D gallery feature** will offer an immersive experience, allowing users to view paintings in a virtual setting as if they were in a physical gallery. **Artists** will have the opportunity to join the platform by submitting their works, and **administrators** can manage **applications** and monitor the **inventory** of artworks. This project aims to bridge **art and technology**, providing an accessible, immersive, and **user-friendly digital space** for art enthusiasts and collectors

Key Skills:

Flutter, Dart, Firebase, PHP Laravel, NextJS, ReactJS, UI/UX Design, Figma, GIT, JIRA

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



VIBLIDEA

Ref: VIB-S20

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Subject 20

Company-Wide Security Framework

Description:

Develop a **comprehensive cybersecurity framework** to **protect VIBLIDEA's data, client information, and digital assets.**

This project involves **creating policies** for data encryption, access control, secure coding practices, and incident response. Additionally, implement **firewalls, intrusion detection systems, and regular vulnerability assessments** to strengthen network and application security. Implement a **strategy** of security best practices to reduce risks of social engineering attacks.

This framework needs to establish client trust and ensure **compliance** with **data protection standards.**

Key Skills:

Cybersecurity Framework, Firewalls, Vulnerability Management, GDPR, ISO 27001, Threat Management, Social Engineering

Academic Level: Bachelor's, Master's, or Engineering students.

Duration: 4-6 months

Number of Interns: 1-2

- **Work Arrangements:** Fully remote



VIBLIDEA

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2024/2025

At **VIBLIDEA**, we specialize in delivering innovative IT solutions that drive growth, efficiency, and success. Our expertise spans across software development, digital transformation, and cutting-edge technology integration. We are dedicated to helping businesses navigate the complexities of the digital world, providing tailored solutions that align with their strategic goals.

With a team of experienced professionals, we combine bold leadership and intelligent problem-solving to build dynamic, scalable, and high-performing digital ecosystems. From concept to execution, VIBLIDEA empowers organizations to achieve their full potential, ensuring long-term value and competitive advantage in today's fast-paced digital landscape.

Let's shape the future of technology together!

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