

## SUMMARY OF EXPERIENCE

I am a Software Engineer with over **3 years of experience**. I have developed and delivered **more than 5 web applications** for clients in **3 different industries**. My work focuses on creating solutions that improve operational efficiency and enhance user satisfaction.

## PROFESSIONAL EXPERIENCES

### Telecominder Part Time – Morocco

Full Stack Web Developer, DevOps \* *July 2024 - Present*

- Developed a **ticket management system** by creating a flexible platform that helps agents and ISPs track the **equipment life cycle** from creation to activation and maintenance, resulting in **improved operational efficiency**.
- Developed a **multi-staging deployment process** by **transitioning from the old deployment strategy** to one composed of **pre-production** and **production** stages, resulting in **6x faster delivery** and **significantly reduced downtime**.
- Improved database performance by **enhancing the database structure**, resulting in **faster and seamless operation** of multiple components, increasing overall system efficiency.

**Key Skills:** *Ruby On Rails , Javascript , PostgreSQL , Docker & Docker Compose , Dokku , Nginx , MVC , CI/CD pipeline development*

### Humaneo - Mibtech Full Time – Morocco

Full Stack Web Developer \* *August 2023 – September 2024*

- Developed a **time tracking feature** that enables employees to log their working days, **reducing payroll processing time by 20%** and enhancing operational efficiency.
- Designed and developed a **survey system** for performance evaluations and user satisfaction, **reducing evaluation process time by 15%** and improving operational efficiency.
- Conducted **integration testing** to ensure all system components worked seamlessly together, **improving software reliability** and enhancing user experience.
- Designed and developed a **comprehensive learning platform** with articles, videos, and quizzes, **increasing employee skill acquisition rates by 15%** and enhancing job performance and productivity.
- Implemented a **flexible notification system** that alerts users in real-time when actions involving their input are needed, **streamlining communication** and enhancing responsiveness across teams.

**Key Skills:** *Ruby on Rails , JavaScript , RSpec , Docker , MySQL , CI/CD Pipeline*

### Department of Computer Science Budget Management Intern – Morocco

Full Stack Developer \* *March 2023 – July 2023*

- Led web development projects using **Agile methodologies**, **improving project delivery times by 15%**.
- Developed an **innovative algorithm** for **University Budget Management** that dynamically calculates the budget share for each department, **enhancing resource allocation** and operational efficiency.
- Developed a **RESTful API** with JavaScript, providing fast and reliable access to **academic resources** and **budget history**, **enhancing user experience**.

**Key Skills:** *React/NextJS , ExpressJS , MySQL , NextUI , React Admin , Agile Methodology*

## SKILLS

Cloud Services	Google Cloud , AWS , Oracle Cloud , Github Codespace , Heroku , Vercel , Cloudflare
Containerization and Orchestration	Docker , Docker Compose , Kubernetes , NGINX
Programming Languages	JavaScript / TypeScript , Ruby , Python , PHP , SQL , BASH
Front-end / Back-end	Ruby On Rails , React/Next.js , Express , Nest , Tailwind , Dom , State Management: Redux... , Laravel
Database	Rails Hotwire , Pnpm Monorepo , Next Turbo , Firebase , Kafka , Elastic Search
Version Control and CI/CD	MySQL , MongoDB , PostgreSQL , Redis
Testing Practices	Git , GitHub , GitHub Action
Artificial Intelligence	Unit Testing (Jest / RSPEC) , Functional Testing (Cypress / Capybara) , Regression Testing (Puppeteer) , Integration Testing (Supertest, Postman)
Methodology and Standards	Open AI , ChatGPT-4 , Claude 3.5 , Copilot , Midjourney , RAG , LangChain
Design	Agile , SOLID , Design Pattern , Clean Code , Distributive System , Serverless
	UI/UX , Design thinking , Photoshop , Illustrator , Figma

## PROJECTS

### Realtime Dashboard June 2024 - August 2024 \* [View the project repository](#)

- Developed a monolithic web application, **containerized** for a distributive system deployment, staged on a CI/CD testing process (within 2 weeks).
- Ensured **Quality Assurance** of the pipeline by implementing a cache build of the containers from multistage, Unified standardized database solutions like **Redis cache**, **indexation**, and **schema optimization** (within 2 months).
- Designed a database solution to **abstract labeling needs** of a scholar domain, resulting in a streamlined structure with 17 collections (within 1 week).

### Mangel March 2024 – April 2024

- Focused on **DevOps** by writing **Docker Compose configurations** for containerization and implementing **Kubernetes** to manage application deployment, scaling, and operations.
- Designed and implemented **RESTful APIs** using **Ruby on Rails** to manage user authentication, book information, and user interactions, ensuring efficient data retrieval and manipulation.

## EDUCATION

Master's in Big Data & Cloud Computing	University of Hassan II, Casablanca, expected graduation 2025
Bachelor's in Computer Science	University of Hassan II, Casablanca, 2022 - 2023

## ACHIEVEMENTS \* [Humaneo](#) \* [Telecominder](#)