

# Diouri Salah Eddine

## Full-Stack Software Developer

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### 🎓 Education

**Bachelor of Fundamental Science Maths Computer Science**  
Sidi Mohammed Ben Abdellah Faculty of Science  
03/2022 | Fez, Morocco

**Baccalaureate/Baccalaureate Sciences**  
Al Qarawiyyin  
06/2017 | Fez, Morocco

### 💼 Work Experience

#### LiadTech

Senior MERN/PERN Full-Stack Developer (Remote)

05/2025 - present | Fez, Morocco

- Design, develop, and maintain **RESTful APIs** (**Express.js/Nest.js**) and **GraphQL** endpoints.
- Build responsive, high-performance **React.js** front-end applications with modern state management (Redux, Context API, Zustand).
- Work with **MongoDB/PostgreSQL** databases, optimizing queries, indexing, and data modeling.
- Implement **server-side rendering (SSR)** and **static site generation (SSG)** where applicable (Next.js).
- Write clean, modular, and maintainable code following **SOLID principles** and **design patterns**.
- Participate in **daily stand-ups**, **sprint planning**, **retrospectives**, and **backlog grooming**.
- Collaborate with **Product Managers**, **UX/UI Designers**, and **QA Engineers** to deliver high-quality features.
- Conduct **code reviews**, mentor junior developers, and advocate for best practices.

#### Alkhawarizmi Services

Full-Stack Software Developer

11/2024 - 02/2025 | Fez, Morocco

- Developed and maintained assurance and management projects using PHP and Angular as the main tech stack.
- Enhanced both front-end and back-end functionalities, ensuring seamless user experiences and robust server-side operations.
- Implemented TDD and SOLID principles in a microservice architecture, contributing to high-quality, maintainable code.
- Managed CI/CD pipelines, automating deployment processes and ensuring continuous integration and delivery.
- Guided and mentored interns, providing technical support and fostering their growth in software development.
- Contributed to several e-commerce products, enhancing features and optimizing performance.

#### ITEIP

Lead Instructor Full-Stack Software Development

09/2024 - 04/2025 | Fez, Morocco

- Led comprehensive training sessions on HTML, CSS, and JavaScript, ensuring students grasped fundamental web development concepts.
- Taught advanced programming languages including JavaScript, TypeScript, Python, and PHP, equipping students with versatile coding skills.
- Instructed on backend development and database management, covering both SQL (MySQL) and NoSQL (MongoDB) databases.
- Guided students through algorithms and data structures, enhancing their problem-solving abilities.
- Provided in-depth knowledge of modern JavaScript front-end frameworks such as React.js and Angular, preparing students for full-stack development roles.

### 📜 Certificates

- DevOps on AWS and Project Management 🔗
- AWS Fundamentals Specialization 🔗
- Developing Applications in Python on AWS 🔗
- DevOps, Cloud, and Agile Foundations Specialization 🔗

### 📁 Projects

#### Idmaaj (Web App)

08/2024

Idmaaj is a SaaS platform connecting Moroccan students, parents, and teachers for effective remedial education. Built with a microservices architecture (NestJS, TypeScript, Prisma, MongoDB) and a user-friendly interface (Next.js/React, TypeScript, Shadcn UI).

#### BizBoost (Web App) 🔗

06/2024 - present

Developed a **SaaS** platform using React TypeScript, Shadcn UI, and a **microservices** architecture (Express TypeScript, PostgreSQL, Prisma ORM). This solution empowers Moroccan SMBs by streamlining operations, enhancing efficiency, and providing secure authentication (PassportAuth).

#### EduPilot: Multi-Vendor Microservice App

07/2023 - 04/2024

**EduPilot** is a React TypeScript application powered by Flask microservices and PostgreSQL. It efficiently manages study actions, organizes school activities, and provides an AI assistant for generating and correcting MCQs.

#### BeeKeeping-project (Web App) 🔗

04/2023 - 12/2023

This TypeScript-based MERN-stack application is designed for E-commerce and E-learning in the context of beekeeping, including an Administration Panel.

#### Baker\_Admin (Web App) 🔗

11/2022 - 02/2023

Developed using VueJS and Flask, Baker-Admin is a comprehensive application for managing HR-related tasks, including job postings, customer registration, and overall administration.

#### Bug-Tracker-App (Web App) 🔗

06/2022 - 03/2023

Bug-Tracker is a project management tool built with a Vue 3 front-end, a Python back-end utilizing Flask, and a PostgreSQL database managed through SQLAlchemy ORM. It efficiently tracks project status and team activities.

#### Spa-Center (Web App) 🔗

03/2022 - 08/2022

A MERN stack application that efficiently manages spa operations and events. It provides a comprehensive platform for handling all spa-related activities.

#### Task Manager (Desktop app) 🔗

01/2021 - 04/2021

An application created using Python and Tkinter libraries, the Task Manager is a desktop application designed to empower administrators in managing tasks.

## Business Partners

Full-Stack Engineer

07/2023 - 07/2024 | Fez, Morocco

- Developed a responsive and user-friendly website
- Designed and implemented a RESTful API , supporting over 10,000 concurrent users.
- Deployed the application to AWS using Docker containers, ensuring scalability and high availability.
- Extensive experience with Amazon EC2, S3, Lambda, etc
- Integrations and testing

## Technopek

Full-Stack developer

09/2022 - 03/2023 | Agadir, Morocco

- Designed and developed reusable front-end templates using HTML, CSS, and Javascript libraries like Bootstrap and Tailwind CSS.
- Implemented modular architecture for easy customization and integration with various back-end platforms.
- Created product pages, product filters, and other user interface elements to improve customer shopping experience.
- Built dynamic and interactive web applications using React for the front-end and Laravel for the back-end.

## Freelancer

Full-Stack developer

2020 - present | Fez, Morocco

- Automate tasks
- Web development
- Desktop application development

## BMCi ( Smart Flouss )

Developer

2019 - 2021 | Fez, Morocco

- Manage the administrative aspect of the activity
- Developing a management desktop application.
- Automate tasks

## 🌐 Languages

English • French

## 🧠 Skills

### Front-end development

- JavaScript & Typescript
- VueJs & ReactJs
- TailwindCss & Css
- Pinia / Redux / ReactQuery
- shadcn / RadixUi / TailwindComponent
- vite / Vercel

### Back-end development

- NodeJs (JavaScript/TypeScript)
- Python (Django/Flask)
- Php (laravel / symfony )
- Express.js, NestJS, FastAPI, Flask, Django
- RESTful APIs, GraphQL, gRPC, WebSocket
- PostgreSQL, MySQL (advanced querying, indexing, transactions)
- MongoDB, DynamoDB (schema design, sharding, aggregation)
- Prisma, TypeORM, SQLAlchemy, Mongoose

### Data management tools

- Numpy / Pandas
- Csv / Json / Txt

### Development Tools

- Composer / Apache / NGINX
- Docker / Postman / Jira
- Git / GitHub / GitLab / Gitea
- Npm / Pnpm / yarn / bun
- Supabase / Firebase /PocketBase

### Programming Languages

- Python / JavaScript & TypeScript
- Java / Go / PHP

### DevOps and Cloud

- Jenkins / GitHub Actions
- Docker / Docker Compose / Kubernetes (basic)
- Bash & PowerShell
- amazon EC2 / S3 / IAM / RDS / Lambda
- amazon VPC / subnet / Route 53

### Methodologies & Best Practices

- Test-Driven Development (TDD) | Unit/Integration Testing
- Agile/Scrum | Sprint Planning, Retrospectives, Jira
- SOLID Principles | Design Patterns (Factory, Repository, Observer)
- Clean Code | Refactoring, Code Reviews, Maintainability