**Sidi Mohammed Kamil KAZI AOUAL**

**Software Engineer**

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**PROFILE**

Final-year Software Engineering student with a strong foundation in full-stack development and a passion for building clean, efficient, and user-centered applications. Experienced with modern frameworks like **React, Node.js, Django**, and **Spring Boot**, and comfortable working across the stack to design, implement, and improve web platforms.

Familiar with **DevOps practices** and tools like **Git, Docker, Kafka**, and **Kubernetes**, which I’ve used to support scalable architectures and collaborative development workflows. I bring a pragmatic mindset, strong communication skills, and a collaborative attitude to every project I work on.

Curious and self-driven, I enjoy solving real-world problems through code and turning complex requirements into practical solutions. I value code quality, teamwork, and continuous learning, and I’m always eager to take on new challenges that push me to grow technically and personally.

**EXPERIENCE**

**EUREQUAT Tlemcen, Algeria**

**Full-Stack Developer 2023-Present**

* Built a web application for designing labels with text, images, barcodes, and QR codes.
* Enabled direct printing to Zebra printers using ZPL (Zebra Programming Language) and Browser Print integration.
* Implemented drag & drop, undo/redo, alignment tools, and XML export/import for label data.

**CAC BATNA FREELANCE**

**Backend Developer February 2025-May 2025**

* Developed the backend of a medical web platform for managing hematology service.
* Implemented two separate FAQ systems for student–doctor and patient–doctor interactions.
* Built modules for managing services and scheduling medical events.

**PROJECTS**

**STOCK MANAGEMENT APPLICATION ESI SBA**

**Multidisciplinary Project 2024**

* Designed the backend of a stock management system with role-based access control and order tracking.
* Built RESTful APIs for frontend integration and automated PDF and Excel file generation.

**DELIVERY APPLICATION ESI SBA**

**Multidisciplinary Project 2025**

* Designed and developed the Optimization microservice, featuring intelligent courier assignment based on location and availability, and a scheduler to manage concurrent deliveries and optimize routes.
* Built a secure Payment microservice integrated with the Chargily API for order processing.
* Ensured reliable inter-service communication with Kafka, and deployed the backend infrastructure using Kubernetes (pods, services, ingress, persistent storage).

**WITH GEMINI**

**Personal Project 2024**

* Designed and developed a productivity platform enabling users to generate and send personalized emails via a chosen sender and synchronize task reminders with Google Calendar based on user availability.
* Implemented a frontend with React.js and a backend with Express.js and Django.
* Ensured a user-friendly experience through intuitive UI/UX and implemented asynchronous task scheduling for optimal performance.

**EDUCATION**

**ÉCOLE NATIONALE SUPÉRIEURE D’INFORMATIQUE (ESI SBA) Sidi Bel Abbès, Algeria**

***State Engineer in Computer Science* 2023-2026**

**UNIVERSITY ABOU BAKR BELKAID TLEMCEN Tlemcen, Algeria**

***Bachelor’s Degree Track in Computer Science* 2021-2023**

**SKILLS**

* Technical Skills : Python, HTML, CSS, JavaScript, C, Php, Java, Sql, Express.js, Next.js, Node.js, SpringBoot, Django, Flask, Fast API, MongoDB, Cassandra, Neo4j, Git, Github, DevOps, Kubernetess, Docker, Google Cloud Plateform (GCP)
* Soft Skills: Autonomous, Fast learner, Problem Solving, Critical Thinking, Creativity, Active Listening, Empathy, Teamwork, Adaptability, Time Management, Stress Management, Curiosity, Growth Mindset, Patience

**ADDITIONAL INFORMATIONS**

* Languages: English (Professional Work), French (bilingual), Arabic (Native)