ABDEL AZIZ KAMO MEGNA

SOFTWARE ENGINEER

CONTACT

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SKILLS

- JavaScript / TypeScript: React, Vue.js, Node.js, GraphQL
- HTML5 / CSS3 / Tailwind
- C#, Python (TensorFlow, Flask)
- SQL: MySQL, PostgreSQL, NoSQL (MongoDB)
- AI Solutions: LLM Integration (OpenAI), Prompt Engineering
- DevOps & Cloud: Docker, Kubernetes, CI/CD, Azure
- Git, Agile/Scrum

LANGUAGES

- French (Native)
- English (C1)
- Turkish (C1)
- German (B1)

EDUCATION

M.S. Artificial intelligence and data science. 2020 - 2023
Istanbul Aydin University / Türkiye

B.S. Management Information Systems
2014 - 2017
University of Yaounde II / Cameroon

PROFILE

Software Engineer with 4 years of experience building scalable full-stack applications and AI solutions. Skilled in frontend (React, Vue.js, TypeScript) and backend (Node.js, GraphQL, C#, Python), with expertise in designing and deploying production-ready systems. Experienced in DevOps (Docker, Kubernetes) and passionate about creating impactful, AI-driven products.

WORK EXPERIENCE

ML Software Engineer Intern   February 2024 - Present

Entrust / Germany

Tech stack: TypeScript, Vue.js, Tailwind, C#, Docker, Kubernetes, Python, LLM

- Designed and implemented RESTful APIs and workflow executors, automating business processes and reducing manual effort by 80%.
- Developed high-performance, responsive front-end applications, enhancing user experience and reducing page load times by 30%.
- Fine-tuned Azure OpenAI GPT-4.1 models on 750+ domain-specific scenarios, improving contextual response accuracy by 35%.

Software Engineer   June 2023 - August 2024

Qpien / Türkiye

Tech stack: TypeScript, React.js, Node.js, GraphQL, Material UI, Docker

- Re-architected the Qpien app, migrating the frontend from React JavaScript to TypeScript, improving maintainability and reducing bugs.
- Built a microservices architecture with CI/CD pipelines and unit testing, increasing deployment speed by 40%.
- Created automation workflows, enhancing user assistance and reducing response time by 70%.

Software Developer   June 2017 - July 2019

Ashadaws Group / Cameroon

Tech stack: JavaScript, TypeScript, Node.js, React.js, Redux, HTML, CSS

- Designed and implemented 8+ responsive, customizable web applications improving client delivery speed by 20%.
- Managed application state efficiently using Redux, React Contex, optimizing performance and maintainability across multiple projects.
- Built and maintained backend services, supporting scalable APIs that handled up to 5,000 concurrent users.

PROJECT

Lung disease detection using deep learning   2021

Tech stack: Python, TensorFlow, Scikit-learn, React.js, Flask

- Built a full-stack web application enabling users to upload lung images and receive automated analyses.
- Developed and trained a CNN model using TensorFlow to detect lung diseases from CT scans, achieving 90% accuracy.