

ABU AMMAR

SOFTWARE ENGINEER

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SUMMARY

Detail-oriented Software Engineer specializing in designing and building scalable, event-driven backend systems. Expertise in full-stack development, with a focus on AI-driven automated systems, scalable microservices, and optimizing asynchronous processing pipelines to reduce latency. Proven track record of enhancing system performance and user experiences.

PROFESSIONAL EXPERIENCE

PT. Unreal Management Indonesia

Feb 2025 - Sep 2025

Mobile Developer

- Modernized a legacy mobile codebase by upgrading core dependencies, which improved performance and stability.
- Resolved critical bugs to improve application stability and reduce crashes.

PT. Lembaga Sinergi Analitika

Jun 2023 - Des 2024

Front End Developer

- Translated complex UI/UX designs into responsive, pixel-perfect web applications.
- Integrated front-end components with back-end APIs and ensured full cross-browser compatibility.

PROJECTS

AI-Powered CV Screener

Link: <https://exquisite-beijinho-f79139.netlify.app>

- Designed and built a scalable microservices-based system for automated CV screening. This system utilized an event-driven architecture (using a message queue like Kafka) to manage asynchronous AI tasks, resulting in a significant reduction in latency by 40% application submission to screening result.
- Implemented a RAG (Retrieval-Augmented Generation) system with a vector database and LLM chaining as a core microservice to evaluate candidate CVs against job descriptions.

Hiring Management Platform

Link: <https://hiring-app-palepale.netlify.app>

- Developed a scalable Hiring Management Web App with two user roles: Admin (Recruiter) and Applicant (Job Seeker).
- Integrated advanced UI features, including a webcam capture for profile pictures triggered by hand gestures.

3D Animated E-commerce

Link: <https://palepale-keyboards.netlify.app>

- Engineered complex 3D animations and user-controlled interactions using Three.js (for 3D rendering) and GSAP (for high-performance animations).
- Built the application with Next.js for server-side rendering, styled with Tailwind CSS, and integrated Stripe for payment processing.

SKILLS

Language: JavaScript, TypeScript, Python, PHP, Dart, C++

Front End: React.js, Next.js, Zustand, React Native, Tailwind CSS, Laravel, Flutter, GSAP, Three.js

Back End: Express.js, FastAPI, Prisma, MongoDB, ChromaDB, Docker, SQL, Kafka

Additional: Firebase, Socket.io, Google Maps API, OpenAI, Langchain, Linux, Vim

EDUCATION

Hacktiv8 Full Stack JavaScript Immersive Program (Transcript) (GPA 83.50/100)	Sep 2023 - Des 2023
Universitas Terbuka Bachelor's Degree, Information Systems Management (GPA 3.3/4.0)	Sep 2024 - Sep 2026

CERTIFICATIONS

HackerRank <ul style="list-style-type: none">Software Engineer Certificate (ffcdad1f306b)SQL (Advanced) Certificate (53c7d85b272c)JavaScript (Intermediate) Certificate (c909a17923c3)	Oct 2025 - No Expiration Date Oct 2025 - No Expiration Date Feb 2024 - No Expiration Date
Hacktiv8 <ul style="list-style-type: none">Full Stack JavaScript Immersive Program (1be3aebf1e61)Web Developer Program (eacccb6e4eef)	Des 2023 - No Expiration Date Jul 2023 - No Expiration Date