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.
Recent Top 12 Finalist at the Amartha x GDG Jakarta Hackathon 2025.

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.

HONORS & AWARDS

Top 12 Finalist – Amartha x GDG Jakarta Hackathon 2025
- Selected as a top finalist in a competitive hackathon focused on FinTech and AI solutions
  Job Hunter Team - Amara AI

SKILLS

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

Oracle
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (*4a4f94121b19*)

Des 2025 - No Expiration Date

HackerRank
- 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
- Full Stack JavaScript Immersive Program (*1be3aebf1e61*)
- Web Developer Program (*eacccb6e4eef*)

Des 2023 - No Expiration Date
Jul 2023 - No Expiration Date