

# ABU AMMAR

## SOFTWARE ENGINEER

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### SUMMARY

Detailed-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

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### 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

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### 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