Abu Ammar

Remote Full Stack Software Engineer

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Summary

Full Stack Software Engineer with 3+ years of experience specializing in scalable, event-driven systems with React.js/Next.js, Java Spring Boot, and SQL (PostgreSQL/MySQL).

Focused on microservices, AI-driven automation, and performance tuning through caching and async pipelines, plus browser debugging/testing, UX design, and AWS. Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate; HackerRank SQL (Advanced). Top 12 Finalist at the Amartha x GDG Jakarta Hackathon 2025.

Skills

Languages: JavaScript, TypeScript, Python, PHP, Dart, C++, C#, Java

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, PostgreSQL, MySQL, Kafka, .NET, Spring Boot

Additional: Firebase, Socket.io, GCP, AWS, OpenAI, Langchain, Linux, Vim, OCI, N8n, Browser debugging/testing, UX design

Certifications: Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate, HackerRank Software Engineer, HackerRank JavaScript (Intermediate), HackerRank SQL (Advanced)

Experience

Mobile Developer, PT. Unreal Management Indonesia   Feb 2025 – Sept 2025

- Modernized a legacy mobile codebase by upgrading core dependencies, which improved performance and stability 20%.
- Resolved critical bugs through focused debugging to improve application stability and reduce crashes.

Full Stack Developer, PT. Lembaga Sinergi Analitika   June 2023 – Dec 2024

Delivered full-stack web features spanning UI and API integrations.

- Translated complex UI/UX designs into responsive, pixel-perfect web applications.
- Integrated front-end components with back-end APIs, reducing data-fetching latency by 25% through optimized state management and API caching.
- Implemented SSO authentication and REST APIs using Java and Spring Boot, deployed on AWS EC2.
- Developed backend services and APIs using Java and Spring Boot to support frontend features.

Projects

AI-Powered CV Screener

Scalable microservices system for automated CV screening.

- Event-driven architecture with a Kafka-style message queue reduced latency by 40% from application submission to screening result.
- Implemented RAG with a vector database and LLM chaining to evaluate CVs against job descriptions.
- Stack: Next.js, Kafka, ChromaDB, PostgreSQL.

Hiring Management Platform

Hiring management web app with recruiter and applicant roles.

- Built role-based flows for Admin (Recruiter) and Applicant (Job Seeker).
- Integrated webcam capture for profile photos using hand-gesture triggers.
- Stack: Next.js, MediaPipe HandGestureClassifier.

3D Animated E-commerce

3D product experience with interactive animations and checkout.

- Engineered complex 3D interactions with Three.js and high-performance animations with GSAP.
- Built SSR app with Next.js, styled with Tailwind CSS, and integrated Stripe payments.
- Stack: Next.js, Three.js, GSAP, Stripe, Tailwind CSS.

ELDEN RING Offline Bypass Launcher   Apr 2022 – Apr 2022

Base template launcher offering multiple launch options for ELDEN RING.

- Provides selectable modes (Launch, Launch & Inject) for flexible startup flows.
- Documented build and installation steps for Steam directory deployment and optional DLL injection.
- Stack: C++.

Education

Hacktiv8, in Full Stack JavaScript Immersive Program – Tangerang, Indonesia   Sept 2023 – Dec 2023

- Transcript, GPA 83.50/100

Universitas Terbuka, Bachelor's Degree in Information Systems – Online, Indonesia   Sept 2021 – Sept 2025

- GPA 3.3/4.0
- Expected 2025

Certifications

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- HackerRank Software Engineer Certificate
- HackerRank JavaScript (Intermediate) Certificate
- HackerRank SQL (Advanced) Certificate
- EF SET English Certificate

Honors

- Selected as a top finalist in a competitive hackathon focused on FinTech and AI solutions.
- Job Hunter Team - Amara AI.

Talks

Lombok Dev Meetup   Dec 2025

Speaker (Dec 2025)

- Presented technical strategies for optimizing AI performance and reducing API costs by minimizing "Token Tax."
- Introduced TOON (Token-Oriented Object Notation), a custom format that utilizes indentation and tables to reduce token usage by 40% and improve retrieval accuracy by 4%.