Ahmed M. Almusaed Software Engineer | AI & Full-Stack Developer

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Summary

Computer Science graduate specializing in AI and Full-Stack Development, with professional experience building business applications, AI-driven solutions, and automated workflows. Experienced in developing and deploying web systems, managing databases, APIs, hosting environments, and Linux-based infrastructure. Strong interest in AI engineering, intelligent automation, and scalable software systems.

Experience

Software Engineer Intern, *Saudi Federation for Mental Sports* 07/2026 – Present
- Developed inventory, CRM, and attendance management systems, including databases, business logic, UIs, authentication, and RBAC.
- Managed servers, hosting, deployment, infrastructure, environment configuration, and production troubleshooting.

Vice President (VP), *AI Club* 08/2025 – 07/2026
- Led and delivered workshops, bootcamps, and technical competitions in AI domain
- Supported strategic planning and execution of AI-related activities and projects

Leader, *Cybersecurity Club* 08/2024 – 06/2025
- Led cybersecurity initiatives and organized awareness activities and events
- Coordinated to promote best practices and strengthen community engagement

Education

B.Sc. in Computer Science, *King Faisal University, GPA: 4.6* 2022 – 2026

Projects

ZONKSA, *Inventory & Business Management Platform* 07/2026 – Present
- Developed a Laravel + Filament + MySQL platform for inventory, purchasing, and multi-location management.
- Implemented stock movements, permissions, replenishment, reservations, cost tracking, and reporting.

CRM System 07/2026 – Present
- Developed a CRM platform for managing employees tasks, customer records, interactions, and business workflows.
- Implemented database-driven management, authentication, and administrative functionality.

Makani, *Attendance Management System* 08/2026 – 10/2026
- Developed an attendance system with geofencing, working-hour rules, arrival tracking, and checkout workflows.
- Built administrative dashboards for attendance monitoring and employee management.

Smart Automated Solar Panel Cleaning System, *Graduation Project* 08/2025 – 06/2026
- Trained and deployed a YOLOv8-nano model for dust detection
- Built dataset pipeline, developed and Integrated AI, embedded hardware, mobile app, and backend services.

BookWise, *Full-Stack Online Bookstore Platform* 01/2025 – 04/2025
- Developed a full-stack e-commerce bookstore using MySQL to manage users, products, and transactions, featuring an admin inventory dashboard and the SendGrid API for automated emails.

Technical Skills

Languages
Python, PHP, JavaScript, Java, C++, Dart, SQL, Ruby

Frameworks & Tools
Laravel, Filament, Node.js, Flask, Flutter, Git, Linux, REST APIs, n8n, YOLOv8, Ruby on Rails

Databases
MySQL, SQLite, Firebase, MariaDB, PostgreSQL, Redis

Cloud & Deploment
Deployment, Hosting, Server Administration, API Management