

Maha AlAtawi

Full-Stack Developer

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SUMMARY

Full-Stack Developer with 3+ years of experience designing and shipping scalable web applications end-to-end. Specializes in Next.js, Node.js/NestJS/Express, and SQL/NoSQL databases (PostgreSQL, MongoDB), with hands-on experience in RESTful API design, authentication, distributed systems, and CI/CD. Also leads technical training initiatives, designing curricula and mentoring co-op engineers. Combines strong technical fundamentals with a collaborative, user-centered approach to product development.

EXPERIENCE

KABi Technologies, Full-Stack Engineer

2024 – Present | Saudi Arabia, Riyadh

- **Platform development** — Delivered end-to-end features for KABi's bilingual HR and hiring platform with full RTL layout support, using Next.js, Express.js, Node.js, and MongoDB.
- **Infrastructure** — Diagnosed and resolved a critical Docker build misconfiguration, reducing build context size from 54GB down to a fraction of that by correcting .dockerignore rules, cutting build and deploy time significantly.
- **Infrastructure** — Operated and maintained a 3-node MongoDB replica set with Valkey Sentinel to support high-availability production workloads.
- **CI/CD** — Set up automated GitHub Actions deployment pipelines with real-time Slack notifications, improving deployment visibility across the team.
- **E-commerce platform** — Built a full-stack e-commerce platform from scratch using Next.js, NestJS, and PostgreSQL, covering both frontend and backend business logic.
- **API design** — Designed RESTful APIs, optimized database queries and schemas, and integrated authentication, role-based access control, and admin dashboards.
- **Cross-functional work** — Collaborated with product, design, and QA in Agile sprints, contributing to system architecture decisions and feature planning.

Wetaan, Flutter Developer

2023 – 2024 | Saudi Arabia, Online

- Translated user requirements into intuitive and visually appealing interfaces using the Flutter framework.

NEOM, Full-Stack Developer

2023 – 2023 | Saudi Arabia, Tabuk

- Developed a comprehensive website for cooperative training interns using Next.js.
- Developed a confidential internal website using Angular.js and Express.js.

PROJECTS

OUNS, National Competition Semi-Finalist

- Created the user interface using Next.js and React components.
- Crafted a responsive, accessible layout for a seamless user experience.

Ayathon, Hackathon Platform

- Developed the official Ayathon hackathon website: Next.js frontend, Express.js and MongoDB backend.
- Integrated RabbitMQ to manage and queue system messages for scalable, reliable communication.

Fingerprint, Attendance System Integration (HR Project)

- Integrated BioTime fingerprint devices with the internal HR system for accurate, real-time attendance tracking.
- Implemented automated cron jobs to sync, process, and store attendance data reliably.
- Deployed and managed background services using PM2, ensuring high availability and process monitoring.

EDUCATION

Tabuk University, Bachelor's degree in computer sciences

2019 – 2023

SKILLS AND TECHNICAL PROFICIENCY

Technical Skills — Languages & Frameworks: JavaScript, Next.js, React.js, Node.js, Express.js, NestJS, Angular.js, HTML, CSS, Tailwind, Bootstrap **Databases:** MongoDB (replica sets, aggregation pipelines), PostgreSQL, MySQL, Firebase **Infrastructure & Tools:** Docker, PM2, GitHub Actions (CI/CD), RabbitMQ, Redis, Bull/BullMQ, Postman, Git/GitHub | **Other:** RESTful API design, authentication & RBAC, bilingual (Arabic/English) & RTL development, technical training & curriculum design

CERTIFICATIONS

- Software Design Methods and Tools
- Engineering Practices for Building Quality Software
- Software Architecture