

Ahmed Kotby

Full Stack Engineer | Mobile Developer

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Full Stack and Mobile Developer with 3+ years of experience delivering scalable web and mobile applications. Skilled in full-stack development with JavaScript, TypeScript, Python, and PHP. Strong in performance optimization, database design (SQL), and test automation. Proficient in Git, object-oriented design, and aligning software with business needs. Passionate about AI, cybersecurity, and clean, maintainable code.

WORK EXPERIENCE

Hozma.tech

September 2024 – Present

Software Engineer

Onsite

- Participated in Agile sprints, code reviews, and enforced coding standards as part of CI/CD pipeline improvements.
- Contributed to microservice development using FastAPI and PostgreSQL.
- Supported Docker-based deployments and DevOps practices.

Ejarly

Jan 2024 – September 2024

Junior Software Engineer

Onsite

- Led 4+ junior developers as Scrum Master, mentoring them and increasing sprint throughput by 30% using Agile best practices.
- Refactored a legacy PHP system into FastAPI-based microservices, reducing backend response time by 40%
- Redeveloped the company's mobile app using Flutter; enhanced UX and cut crash rates by 60%, with 1,000+ monthly active users.

Sindibad International

Jan 2022 – May 2023

Full Stack Developer

Remote

- Built a React/Next.js/Node.js credential platform for 500+ users with role-based workflows for admins, educators, and students
- Automated certificate generation (–75% turnaround, –200+ staff-hours/month) and added analytics to boost completion rates by 15%
- Optimized Next.js for sub-second page loads and 30% higher SEO visibility

EDUCATION

King Faisal University

Al-Ahsaa, SA

Bachelor, Computer Science

Sep 2020 – May 2025

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Object-Oriented Design, Artificial Intelligence, Cyber Security, Database Management Systems

PROJECTS

[Siraty – AI-Powered Career Coaching Platform](#)

- Intelligent CV builder with real-time AI suggestions to improve structure, tone, and relevance.
- Contributed to full-stack product development, from ideation to deployment of ATS-optimized AI tools
- Job matching insights and embedded analytics that highlight alignment and areas for improvement.
- Built with Next.js 15, Tailwind CSS, and OpenAI, Siraty features full RTL support, responsive design, and a modern glass morphism UI—open-source and tailored for Arabic-speaking job seekers.

[Weblive - Streaming Platform](#)

- Built a fast, low-latency streaming platform for podcasts and gaming using Next.js and Nest.js.

- Deployed on AWS S3 & EC2, supporting 100+ concurrent streams with easy scalability.
- Automated CI/CD with Docker and GitHub Actions, reducing downtime by 70%.

Ejarly – Business Financing Platform

- Flutter App: Rebuilt legacy app using Flutter with MVC-repo architecture; improved user experience across iOS/Android and integrated MyFatoorah for payments and improved UX across iOS/Android.
- Backend: Maintained Laravel backend with secure payment APIs; currently migrating to FastAPI with full test coverage (unit, integration, e2e).
- Website: Developed responsive landing page with Next.js 12; deployed using Docker, NGINX, and GitHub Actions for CI/CD.

OpenFiles - Distributed File System

- Robust data access: Built with Nginx, Rust, and Docker, OpenFiles offers 99.9% uptime, ensuring consistent data availability across the network.

Nest.js Framework (Open-Source Contribution PR #12161):

- Contributed to the development of Nest.js, a widely used Node.js backend framework, demonstrating active participation in the open-source community.

Falatha – Infant Monitoring & Cry Classification

- Led mobile app development using Flutter, integrating real-time alerts from IoT sensors and ML models.
- Achieved real-time health monitoring (heart rate, temperature, SpO) and distress alerts for caregivers.

CERTIFICATES

- **Microsoft Full-Stack Developer** – Microsoft (*May 2025 – ID: Z3MC1C4IDNAI*)
- **AWS Cloud Technical Essentials** – AWS (*May 2025 – ID: 63M57UQD77G5*)
- **Mathematics for Machine Learning and Data Science Specialization** – DeepLearning.AI (*Sep 2024 - ID: 453R6CEF6U6I*)

TECHNICAL & PROFESSIONAL SKILLS

- **Hard Skills**
 - **Programming Languages:** TypeScript, JavaScript, Python, C++, C#, Java, PHP, Rust, C
 - **Web Frameworks & Libraries:** React, Next.js, FastAPI, Nest.js, Express.js, Laravel, Flutter
 - **Frontend Technologies:** HTML5, CSS3, Tailwind CSS, Webpack, Babel, Redux, Responsive Design
 - **Backend & APIs:** RESTful APIs, GraphQL, Microservices Architecture, Server-side Rendering
 - **Databases & Storage:** PostgreSQL, MySQL, MongoDB, Redis, SQL, NoSQL, ORM (Prisma, Drizzle, Eloquent)
 - **DevOps & Tools:** Docker, Kubernetes, CI/CD, GitHub Actions, Git, Jenkins, Version Control
 - **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda), Azure, Linux, Cloud Architecture
 - **AI & Machine Learning:** PyTorch, TensorFlow, scikit-learn, MFCC, Feature Engineering.
- **Soft Skills**
 - Creative problem-solving & intuitive thinking
 - Strong communication & collaboration in cross-functional teams
 - Attention to detail and reliability in delivery
 - Leadership, mentorship, and ownership of tasks
 - Willingness to learn and adapt to new technologies
 - Versatility across front-end, back-end, and full-stack development
 - Comfortable translating tech to business value
 - Open-source contribution and continuous improvement mindset