

Yousef Saeed

Full-Stack Developer

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Professional Summary

Versatile full-stack developer with a strong focus on scalable architecture, security, and user-centered design. Experienced in building and modernizing complex systems end-to-end, delivering features that align closely with business goals. Proven ability to collaborate across teams, integrate secure infrastructure and ship high-impact products in fast-paced environments.

Experience

ARP Digital - Manama, Bahrain (Remote)

Full-Stack Developer | May 2025 - Present

- Rebuilt, refactored, and modernized legacy frontend and backend systems to improve scalability, performance, and maintainability.
- Conducted security audits across the codebase, identifying and patching critical vulnerabilities to harden platform defenses.
- Rebuilt and documented REST APIs for seamless external integrations, reducing client support requests and onboarding time.
- Delivered a wide range of features under rapid development cycles, frequently shifting focus across systems and priorities while maintaining consistency and code quality.
- Collaborated with partner development teams integrating our platform, building features to support their use cases.
- Improved UI/UX across merchant dashboards, optimizing key workflows based on stakeholder feedback and usability best practices.
- Integrated Fireblocks for secure digital asset management, handling wallet operations and transaction flow.
- Managed infrastructure on AWS, including ECS, RDS, and S3, to support scalable, compliant, and high-availability deployments.

SustainGRC - London, UK (Remote)

Lead Backend Developer | Apr 2025 - May 2025

- Led a team of 8 engineers, overseeing system architecture, code reviews, and deployment pipelines.
- Directed the architectural overhaul of core ESG services, enabling scalable data pipelines and real-time analytics used in executive sustainability reports.
- Oversaw end-to-end system workflows, aligning backend, frontend, and AI components to meet complex business needs and deliver final solutions.

Backend Developer | Aug 2024 - Mar 2025

- Developed secure and efficient APIs for seamless data exchange and system integrations.
- Built robust and scalable systems, including a flagship Carbon System recognized for its impact in ESG presentations.
- Designed and maintained backend systems for data exchange, custom calculations, and external connectors.
- Conducted rigorous testing to ensure system stability, identifying and resolving bugs across teams.
- Supported cross-functional teams by providing backend expertise for APIs, data models, and integration workflows.

ALX Africa - Nairobi, Kenya (Remote)

Software Engineering Tutor | Oct 2024 - Feb 2025

- Led one-on-one and group sessions to help learners with project planning and development.
- Provided technical feedback and mentoring, improving learner code quality and problem-solving skills.
- Collaborated with mentors and tutors to align learner progress with project deadlines.

Hawk Insight, Faculty of Engineering, Alexandria University - Alexandria, Egypt

Project Management Trainee | Jul 2024 - Sep 2024

- Developed and presented innovative business plans in a competitive environment.
- Created comprehensive strategies for project execution, aligning resources and objectives.

Cisco - Alexandria, Egypt

IT Specialist Trainee | Apr 2024 - Jul 2024

- Configured and managed LANs and cloud-connected devices to ensure seamless operations.
- Implemented network security measures and ensured continuous operations.
- Monitored network performance and troubleshoot issues effectively.

ALX Africa - Nairobi, Kenya (Remote)

Full-Stack Software Engineer | Jan 2023 - Mar 2024

- Designed, built, and optimized web applications using technologies such as Python and JavaScript.
- Developed scalable databases utilizing both SQL and NoSQL solutions.
- Engineered complex low-level algorithms in C for enhanced performance.
- Architected and configured Linux servers and CI/CD pipelines for automated, efficient application deployments.
- Collaborated effectively with peers in a fast-paced, deadline-driven coding environment.

Education

BSc in Management Information Systems

The Egyptian Institute of Alexandria Academy

Oct 2020 - May 2024

- Graduated with Honors, ranking 14th in the class, with a final project score of 99%. Achieving an overall grade of Excellent.

Skills

Programming Languages: Python, JavaScript, TypeScript, SQL, MongoDB, Bash, HTML, CSS, Sass

Frameworks & Libraries: Next.js, NestJS, Node.js, Express.js, React, Django, Flask, FastAPI, Jinja

Tools & Platforms: Git, GitHub, Docker, Nginx, AWS, Azure, CircleCI, GitHub Workflows, Linux

Languages: Arabic (Native), English (Fluent)

Projects

Government Services Online Portal | GitHub Repository

- Created a web app to streamline government service access for both users and administrators.
- Implemented secure registration, personalized service access, custom AI chatbot, and efficient admin tools.

ECHO: TUI Chat | NPM Package | GitHub Repository

- Developed a TUI chat application enabling real-time communication.
- Features include multi-room chat, chat history, and a clean user interface.