

Anas Mtaweh

Software Engineer

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Summary

Motivated computer science undergraduate with hands-on experience in full-stack development, DevOps, and cloud deployment. Adept in building and deploying scalable web applications using Docker and AWS. Passionate about continuous learning, with a strong interest in software engineering, automation, and system architecture.

Projects

◆ Mishtika – Pet Care Web Platform (Ongoing)

Full-stack web application for pet care management with pet profiles, AI chatbot, calendar scheduling, and breed-specific search.

Technologies: Node.js, Express, MongoDB, Docker, AWS (EC2, S3), GitHub Actions, Nginx, Let's Encrypt, React, Jest

- Developed a scalable backend with JWT-based authentication and RESTful APIs for pet and schedule management
- Integrated AI chatbot for user interaction and a dynamic scheduler with automated reminders using MongoDB TTL and cron
- Wrote unit tests using Jest with in-memory MongoDB (`mongodb-memory-server`) and mocked AWS services
- Automated Docker-based deployments using GitHub Actions; hosted backend on AWS EC2 with HTTPS via Nginx and Let's Encrypt
- Deployed frontend (React) to AWS S3 using manual/static hosting without CloudFront or HTTPS

◆ Travel Agency Web App (10/2023 – 12/2023)

Responsive web platform for vacation browsing and online trip booking.

Technologies: HTML, CSS, Bootstrap, PHP

- Implemented form handling and dynamic page rendering for booking functionality

◆ ATM Simulation System (01/2023 – 03/2023)

Java-based desktop GUI application for login, deposits, loans, transfers, and balance checks.

- Designed intuitive GUI and real-time transaction feedback

Education

Bachelor of Science in Computer Science
Lebanese International University (LIU)
Expected Graduation: Fall 2025

Skills

Agile, AWS (EC2, S3), Bootstrap, Cloud Deployment, CSS, Docker, Express.js, Git, GitHub, HTML, JavaScript, JIRA, Jest, Linux, MongoDB, Node.js, Nginx, PHP, REST APIs, Scrum, Ubuntu, GitHub Actions, Responsive Web Design

Languages

Arabic – Native

English – Advanced

Certificates

- Introduction to DevOps (IBM)
- Succeeding as a First-Time Tech Manager
- Non-Technical Skills for Data Scientists
- Effective Technical Communication
- Inclusive Tech Leadership
- Creating Your IT Strategy
- Framing Cloud Discussions for the C-Suite
- Agile Foundations
- Mistakes to Avoid in Agile

Find Me Online

LinkedIn: <https://www.linkedin.com/in/anas-mtaweh-a02806218>

GitHub: <https://github.com/Anasmtaweh>