

Mostafa Aboraya

Beirut, Lebanon

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Software Engineer with hands-on experience in backend development, Linux environments, containerized applications, CI/CD workflows, and automation scripting. Comfortable working across development and infrastructure layers, with practical exposure to Docker, cloud services, system troubleshooting, and operational reliability. Strong problem-solving mindset with a growing focus on DevOps and platform engineering practices.

EDUCATION

Phoenicia University (PU) - Sarafand, Lebanon

October 2022 – February 2026

B.S. in Computer Science

TECHNICAL SKILLS

DevOps & Infrastructure: Docker, CI/CD Pipelines, Jenkins, Linux (Ubuntu/WSL), SSH, Containerization, System Monitoring, Cloud Fundamentals, Infrastructure Basics

Cloud & Platforms: AWS (S3, EC2 exposure), Kubernetes (basic exposure), Cloudflare, Supabase, Firebase

Programming & Scripting: Python, Bash, Java, JavaScript, C++

Backend & APIs: RESTful APIs, Backend Services, Authentication & Authorization, Automation Scripts

Databases: MySQL, PostgreSQL, SQL, Schema Design, Query Optimization

Networking & Systems: DNS, HTTP/HTTPS, Routing Fundamentals, Reverse Proxy Concepts, Process & Resource Monitoring

Tools: Git/GitHub, VS Code, IntelliJ, Postman

PROFESSIONAL EXPERIENCE

Lebanese Welfare Association for the Handicapped – Beirut

June 2025 – September 2025

Software Engineering Intern

- Worked in Linux-based environments to support backend services, deployments, and operational troubleshooting
- Assisted in maintaining system reliability by debugging runtime issues, **monitoring application behavior, and resolving dependency-related problems**
- Built and maintained backend-driven internal tools using **PHP, MySQL, and REST-style APIs**
- Automated internal workflows and data processing tasks using scripting and database operations, **reducing administrative workload by 35%**
- **Collaborated with development teams** to improve stability, maintainability, and performance of internal systems

PROJECTS

College ERP System - Team Lead | React, Spring Boot, MySQL

February 2025 – May 2025

- Developed and containerized backend services using **Docker** to ensure consistent development and deployment environments
- Built REST APIs and backend modules supporting an ERP platform for **~2,000 students and staff**
- Worked with **CI-oriented development workflows** including testing, version control, and collaborative branching strategies
- Managed database integration, structured logging, and service reliability considerations

Platform Automation & Data Tooling | Python, Linux, SQL

July 2025 – September 2025

- Developed Python-based automation scripts to process, validate, and expose structured data
- Designed modular tooling focused on **developer usability and maintainability**
- Integrated logging and basic monitoring to track performance and system behavior

Automation & Infrastructure Tooling | Python, Linux, Bash

March 2026

- Developed automation scripts for data validation, environment setup, and operational workflows in Linux environments
- Built modular tooling focused on maintainability, scripting efficiency, and process automation
- Worked with logging, debugging, and monitoring concepts to improve reliability and troubleshooting

AWARDS/CERTIFICATIONS

Applied Software Engineering Fundamentals Specialization IBM Certification	March 2025
Top 100 – Codeforces Div. 3 Contest	February 2025
Cybersecurity Training & CTF Competition Semicolon Academy	March 2025 – June 2025

EXTRACURRICULAR ACTIVITIES

IEEE – PU Student Branch	February 2024 – May 2024
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President

- Elected president of CS society, organized 20+ workshops, and represented students at the faculty level

Computer Science Students' Peer Support– PU	November 2023 – February 2024
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Tutor

- Tutored 30+ peers on programming fundamentals and algorithms