

Mouhamad Hammoud

Tripoli, Lebanon

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[LinkedIn Profile](#) | [GitHub Portfolio](#)

Summary

Full Stack Developer and Backend-focused Software Engineer with strong skills in system design, scalable architectures, and automation. Experienced in building real-world applications and solving complex engineering problems. Passionate about backend systems, performance optimization, and AI integration.

Skills

- **Programming:** Python, JavaScript (React), C++, SQL
- **Backend:** REST APIs, Authentication, RBAC, API Design
- **Databases:** PostgreSQL (Indexing, Optimization)
- **System Design:** Scalable Systems, Modular Architecture
- **Tools:** Docker, Git, Unit Testing

Experience

Software Engineering Intern (Part-Time)

Intelligile – Tripoli, Lebanon

2022 – Present

- Built a License Management System for secure access control
- Designed internal storage architecture for performance improvement
- Developed XML parser for dynamic UI systems
- Applied backend and system design principles in real projects

Projects

- **Multi-Store Platform:** Scalable PERN stack system with authentication, roles, and AI automation features
- **Mini Compiler:** Built compiler core (Lexer, Parser, AST) with custom grammar system in C++
- **Weather App:** Real-time API-based application with responsive UI

Education

Bachelor in Computer Science

Lebanese University (LU)

Third Year

Certifications

- freeCodeCamp – Responsive Web Design
- HackerRank – Problem Solving

Languages

Arabic (Native), English (Fluent)