

Mohamad Maarouf

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🐙 Github 🔗 Portfolio 📦 Intigrity

Summary

Full-Stack Software Engineer with a Bachelor’s degree in Computer Science (GPA 91%) and hands-on experience building scalable digital products, backend systems, and business workflow automation. Independently designed and shipped a production SaaS marketplace using Java, Spring Boot, Next.js, and PostgreSQL. Strong in API integrations, system architecture, analytics tracking, and business logic optimization. Passionate about building scalable systems, automating workflows, and solving technical and operational challenges.

Technical Skills

- **Programming:** Java, JavaScript, TypeScript, SQL
- **Backend:** Spring Boot, REST APIs, PostgreSQL, Authentication, WebSockets
- **Frontend:** Next.js, React, Tailwind CSS
- **Tools:** Git, GitHub Actions, Postman
- **Data & Analytics:** Excel, Google Sheets, Google Analytics, KPI Tracking, Data Reporting
- **Automation & Workflow:** n8n, Business Process Automation
- **Infrastructure:** Docker, Linux, Oracle Cloud, CI/CD, Nginx

Projects

Tourongo — Full-Stack Travel Marketplace 🔗

Java • Spring Boot • PostgreSQL • Next.js • Docker • Oracle Cloud

- Designed and built a production-grade travel marketplace from scratch.
- Developed scalable REST APIs and core backend business logic.
- Built a concurrent booking system using pessimistic locking and transactional rollbacks.
- Implemented JWT authentication, refresh token rotation, Google OAuth2, RBAC, and TOTP 2FA.
- Designed relational database schemas and optimized SQL queries for performance and scalability.
- Built real-time chat using WebSockets.
- Automated deployment pipelines using GitHub Actions and Docker.
- Managed cloud infrastructure, Nginx reverse proxy, SSL/TLS, and backup automation.

Experience

Intigrity 2025 – Present
Independent Security Research Remote

- Analyze APIs and production systems for vulnerabilities and misconfigurations.
- Identify access control flaws and document technical findings.
- Earned an invitation to DHL’s private bug bounty program.

Markaz Studio 01/2024 – 06/2024
Game Development Intern Tripoli

- Worked on gameplay systems using C++ and Unreal Engine.
- Participated in debugging, testing, and team collaboration using Git.

Education

Jinan University

Bachelor of Science in Computer Science.

GPA: 91%

09/2023 – 06/2026

Tripoli, Lebanon

Training & Certifications

- **NetAcad Cup 2026:** EMEA Cybersecurity Essentials (Cisco)
- **Harvard University:** CS50's Introduction to Cybersecurity & CS50x Computer Science

Languages

Arabic

Native

English

B2 Professional Working Proficiency