

KARIM MOHAMMAD JOBEILY

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PROFESSIONAL SUMMARY

Computer Science student (GPA 3.96/4.0) with strong interest in software engineering, specializing in backend systems, mobile applications, and web development. Experienced in designing secure authentication architectures, real-time intrusion detection services, and full-stack applications integrating web and mobile clients. Proficient in Java and Python with solid foundations in database design, API-driven systems, and scalable application architecture.

TECHNICAL SKILLS

- Programming: Java, Python, PHP, JavaScript, C++
- Mobile: Flutter (Dart), REST API Integration, State Management
- Backend: RESTful APIs, JSON, Socket Programming, Client-Server Architecture
- Databases: MySQL, Relational Schema Design, Query Optimization
- Security: Brute-force Detection, Password Hashing, SQL Injection & XSS Mitigation
- Tools: Git, Linux, Wireshark, Burp Suite

PROJECTS

- **Intrusion Detection System (Java, MySQL, Python)** – Developed standalone backend security service using socket communication and JSON-based request handling. Implemented multi-layer brute-force detection with real-time ALLOW/BLOCK response logic. Simulated attacks using Python bots and implemented custom data structures for optimized request tracking.
- **Event Planning Platform (PHP, MySQL, JavaScript, HTML/CSS)** – Built full-stack event management system with secure authentication and role-based access control. Designed normalized relational database and integrated login system with Java-based IDS via socket communication.
- **Dentistry Finder Mobile App (Flutter)** – Developing cross-platform mobile application with secure login, Google Maps API integration, structured REST API communication, and scalable state management architecture.
- **LebaneseArc.org (React)** – Developed modular frontend components with structured REST communication to dynamically retrieve and display backend event data.

EDUCATION

Beirut Arab University – Bachelor of Science in Computer Science | GPA: 3.96/4.0 | Expected 2027

CERTIFICATIONS

- Google Cybersecurity Professional Certificate (2024)
- Semicolon ETH101 Cybersecurity Certificate (2025)

LEADERSHIP & ACTIVITIES

- Team Leader – National Robotics Competition (Top 10 Ranking)
- Capture The Flag (CTF) Competitor – Web Security Challenges
- LCPC Preparation Participant