Imad Hassan

Backend Developer & Cybersecurity Specialist

Address: Ketermaya, Lebanon | **Phone:** +961 76522481 | **Email:** imad.hassan.0961@gmail.com
Nationality: Lebanese | **LinkedIn:** Imad Hassan | **GitHub:** Imad Hassan Github

Summary

Results-driven backend developer with expertise in Laravel, optimizing system performance, and implementing robust security measures. Skilled in mobile app development using Flutter, delivering seamless real-time data synchronization and improving user engagement. Proficient in database management with MySQL, PostgreSQL, and Firebase, ensuring data integrity and security. Adept in ethical hacking and penetration testing, effectively identifying vulnerabilities and enhancing cybersecurity protocols.

Experience

Internship in Laravel & Cyber Security - 6 months
Xpertbot — Remote

- Developed backend solutions using Laravel, improving system performance by 30%.
- Implemented cybersecurity measures, reducing security vulnerabilities by 20%.
- Assisted in integrating database management using MySQL to store and retrieve sensitive data securely.
- Worked in a collaborative team to improve web application security protocols.
- Wrote and maintained clean, efficient code following best practices and security standards.
- Utilized version control systems like Git for project management and collaboration.

Education

Bachelor of Science in Computer Engineering - 2025
Lebanese International University — Beirut, Lebanon

Key Projects

Smart Bracelet | *Tech Stack*: Flutter, Firebase
- Designed and developed a smart bracelet app to assist elderly users, with real-time data synchronization via Firebase.
- Implemented a user-friendly interface, improving interaction ease by 25%.
- Integrated an alert system to notify doctors or family members based on user status changes.

ChatApp | *Tech Stack*: Flutter, Firebase
- Developed a real-time chat app, supporting over 500 simultaneous users.
- Enabled user authentication and secure message storage using Firebase Firestore.

Doctor Appointment System | Tech Stack: Laravel, Tailwind CSS
- Built an online system for doctor appointments, improving booking efficiency by 40%.
- Designed an admin dashboard for doctors to manage schedules and appointments.
- Implemented role-based access (Admin, Doctor, Patient) for secure system access.

Jobs Website | *Tech Stack*: Laravel, Tailwind CSS

- Developed a job posting and recruitment platform, processing over 200 job listings per month.
- Created a responsive UI that adapts seamlessly across desktop and mobile.
- Integrated user authentication for job seekers and employers, ensuring secure access.

Todo App (Japanese Learning Assistant) | *Tech Stack*: Flutter, Firebase
- Developed a task management app to help users organize their Japanese language learning tasks.
- Integrated reminder notifications for study schedules, boosting user engagement by 30%.
- Allowed users to store data in the cloud using Firebase, ensuring data consistency across devices.

Visa Card System | *Tech Stack*: Spring Boot, MySQL/PostgreSQL
- Developed a backend system to manage Visa card operations, including card creation and transaction history tracking.
- Implemented secure login using Spring Security, ensuring user data protection.
- Built RESTful APIs for communication between backend and mobile/desktop applications.

Certificates & Courses

- Java Spring Boot: Professional eCommerce Project Masterclass
- Java Backend Development Training
- Ethical Hacking Foundation
- Flutter Mobile Development
- Website Hacking / Penetration Testing
- Learn Python & Ethical Hacking from Scratch
- Real Ethical Hacking in 43 Hours: Certified CSEH + CEH PRO
- Android Mobile Development Training
- Cyber Security Project - Doctor Appointment System (XpertBot Academy)

- Laravel & Git Project - Doctor Appointment System (XpertBot Academy)
- Android Mobile Development Training (Objectia International)
- Website Hacking / Penetration Testing (Udemy)

Volunteer Experience

Relief Organization – First Aid & Emergency Assistance
Al-Mawassat Charity Association – Volunteer – Social and Humanitarian Support

Technical Skills

- **Programming Languages**: Python, Java, Dart, PHP, Kotlin, JavaScript (JS), SQL
- **Web & Mobile Development**: HTML, CSS, JavaScript, Flutter, Android Development, Laravel, Java Spring Boot
- **Databases**: MySQL, PostgreSQL, Firebase
- **Cloud & DevOps**: AWS (Amazon Web Services), Virtual Machines (VMs)
- **API & Testing**: REST APIs, JSON, JSON Web Token (JWT), Postman (API Testing)
- **Version Control**: Git & GitHub
- **Cybersecurity**: Cyber Security & Ethical Hacking, Penetration Testing, Encode/Decode (Data Security Techniques)
- **Operating Systems & Tools**: Linux OS, Windows OS, Microsoft Office (Excel, Word, PowerPoint)

Skills & Expertise

- Laravel Development
- Cybersecurity Expertise
- Database Management
- Mobile App Development (Flutter)
- Web Development (HTML, CSS, JavaScript)
- Cloud Technologies (AWS)
- Version Control & Collaboration (Git & GitHub)
- Agile & Collaborative Development
- Backend Development (Spring Boot, PHP)
- Task Management & User Engagement
- Ethical Hacking & Penetration Testing
- API Development & Integration

Languages

Arabic: Native | **English:** Fluent