

Aya Ayash

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PROFILE

Computer Science student at Islamic University of Lebanon with hands-on experience in full-stack web development. Skilled in building responsive web applications using React.js, Spring Boot, c# and database systems. Co-leader of Google Developer Group, organizing tech events and workshops for the campus community.

EDUCATION

Bachelor's in Computer Science 09/2023 – 2026
Islamic University of Lebanon Beirut, Lebanon

PROFESSIONAL EXPERIENCE

Full Stack Development Intern 07/2025 – 09/2025
Ogero Telecom Beirut

- Built a fully functional role-based access control (RBAC) admin dashboard using React.js to manage users, permissions, roles, and organizational hierarchy
- Engineered a Spring Boot REST API with JWT-based authentication and authorization, implementing secure CRUD operations across all modules
- Designed and normalized PostgreSQL database schema with relational integrity, optimizing queries for efficient data retrieval
- Integrated backend APIs seamlessly with React frontend, replacing mock JSON data with real-time database operations and state management

Web Development Intern 09/2024 – 02/2025
Islamic University of Lebanon (IUL)

- Engineered a full-scale hospital management application handling patient records, appointments, and medical data with enterprise-grade database operations. Architected seamless CRUD operations with ADO.NET for efficient data management across multiple database tables.
- Designed and developed a fully functional university homepage featuring a modern, layered graphical interface. Created an engaging front-end user experience while architecting the complete backend infrastructure for navigation routing, data handling, and system integration.
- Built a company employee registration system using JavaFX with MySQL database integration, featuring complete CRUD operations through a GUI interface
- Gained foundational exposure to full-stack web development using PHP, HTML/CSS, JavaScript, and MySQL

COURSES

CTF Trainee 04/2025 – 06/2025
Semicolon Cybersecurity Program


- Completed foundational cybersecurity training covering web vulnerabilities, cryptography, and Linux fundamentals
- Practiced Capture-the-Flag (CTF) challenges focusing on network security and reconnaissance tools
- Developed problem-solving skills through hands-on cybersecurity scenarios and secure coding exercises

JavaScript & React Development 08/2025 – 10/2025
Youbee.ai

Advanced JavaScript and React certification program with hands-on project development. Successfully built and deployed a movie browsing platform demonstrating proficiency in React hooks, component lifecycle, API consumption, and responsive design principles.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js

Backend: PHP, Spring Boot, ASP.NET , C#, Java, C++, Python

Database Technologies

- MySQL, PostgreSQL, T-SQL
- Database design, relational schemas, stored procedures
- CRUD operations and database integration (JDBC, PHP, C#)

ORGANISATIONS

Google Developer Group (GDG)

11/2024 – 2025

Co-Leadership

- Co-organize tech meetups, workshops, and speaker sessions on web development, cybersecurity, AI, and Google technologies
- Collaborate with team members and industry professionals to host events for 50-200+ attendees
- Facilitate hands-on coding sessions and tech talks to help students build practical projects
- Promote inclusive tech community through mentorship and peer learning initiatives

LANGUAGES

Arabic: Native

English: Fluent