

# Walid Shehab

## Software Developer

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### Summary

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Results-driven software developer with a comprehensive background in Java, JavaScript, and web frameworks, demonstrated by hands-on experience building dynamic web applications and precise 3D models. Adept at collaborating in cross-functional teams, integrating RESTful APIs, and employing best coding practices for optimal software solutions. Recognized adaptability and innovation in translating complex requirements into scalable applications.

### Professional Experience

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#### Software Engineer | Technosoft 01/02/2025 -11/04/2025 Beirut, Lebanon

- Building knowledge-based 3D geometry using object-oriented programming (OOP) for reusability and adaptability.
- Designing and implementing 3D models that precisely adhere to specified schemas and real-world dimensional requirements.
- Creating accurate 3D digital replicas of physical objects, translating real-life dimensions into precise virtual representations.
- Participated in code review, providing constructive feedback, and ensuring adherence to coding standards.

#### Full Stack Developer | Ogero 24/06/2024 - 16/10/2024 Beirut, Lebanon

- Developed and managed dynamic web applications using Angular, React JS (ES6+), and Tailwind CSS for responsive and intuitive UIs.
- Collaborated with senior developers and cross-functional teams to implement new features and improve existing functionality.
- Integrated Spring Boot RESTful APIs to fetch, manage, and modify data effectively.
- Implemented authentication and authorization with Spring Security and Json Web Token (JWT) to secure application data.

### Recent Projects

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#### Chatting App

- Real-time chat application with anonymous login and user profiles
- Secure and non-identifying random chat sessions
- Fast, and horizontally scalable backend architecture for thousands of concurrent users
- Random 1-on-1 matchmaking with support for group chats

Technologies used: JAVA, Spring Web Sockets, Spring Security, Spring Boot, Spring Data, Redis cache server, React, Typescript, JWT, React Bootstrap, Postgres SQL, web APIs, cookies.

Live demo: <https://myportfolio-delta-ten-37.vercel.app/#projects>

### Skills

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**Programming Languages:** JAVA, JavaScript (ES6+), Python, C++, HTML, CSS

**Frameworks & Libraries:** Spring Boot, Angular, React, NextJS, ExpressJS, NodeJS, Tailwind, Bootstrap, Spring Framework

**Tools & Technologies:** Git, Google APIs, RESTful APIs, Webpack, Vercel, AI Development, web APIs

**Databases:** PostgreSQL, MySQL, Microsoft SQL Server, JDBC, Spring Data JPA

**Methodologies:** Agile, Design Patterns, Object Oriented Programming (OOP), ACID, Scrum

**Soft Skills:** Problem Solving, Creativity, Adaptability, Fast Learner, Time Management, Teamwork

### Education

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#### American University of Science & Technology

Bachelor of Science in Computer Science with Honors (ABET accredited)

09/2024 | Lebanon

**Languages:** Arabic | Native

English | Proficient

## **Certifications & Awards**

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2022 | IT Essentials PC Hardware and Software | Cisco Networking Academy

2022 | JavaScript Algorithms and Data Structures | free Code Camp

2023 | Linux Professional Institute LPIC-1 LPIC-2 | Linux Professional Institute

2024 | The Gaby Deek Internet Innovation Award

2024 | IEEE Xtreme Bootcamp Training