

# MOHAMMED ALAJAJI

Web Developer & Computer Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Computer Engineering graduate with honors from Qassim University. With a strong background in web development, computer development, and computer architecture, I possess comprehensive knowledge of web development technologies and frameworks. As a team player with good interpersonal skills, I am fluent in both Arabic and English.

## EXPERIENCE

### ❖ Full Stack Developer Bootcamp, Saudi Digital Academy

September - December 28th, 2023

- Focused on mastering the **MERN** stack, which includes **MongoDB**, **Express.js**, **React**, and **Node.js**, achieving proficiency in each component. This expertise empowered me to craft **REST API** for seamless communication between front-end and back-end systems. also implementing robust user authentication and authorization mechanisms, enhancing web application security.

### ❖ Amazon Web Services Solutions Architect (Associate) Bootcamp, Tuwaiq Academy

July - August 24th, 2023

- Design, develop, and manage cloud infrastructure and assets.
- Worked with DevOps to migrate applications to the cloud.

### ❖ Web Developer Bootcamp, Tuwaiq Academy

April - June 2023

- Focused on honing skills in web development using the Java **Spring Boot** framework. Acquired a solid understanding of the Spring Boot framework, including its key features, such as **dependency injection**, **data access**, and **RESTful API** development. Gained experience in developing web applications using industry best practices, following software development methodologies, and implementing coding standards.

## EDUCATION

### ❖ Bachelor's in Computer Engineering, Qassim University

2018 - 2023

GPA: 4.5 out of 5 (With Honors)

## PROJECTS

### ❖ Parking Spot Booking System (43 API) – Spring Boot (Capstone Project)

- Spring Boot (Java framework).
- Spring dependencies (Spring Web, Validation, Lombok, Spring data JPA, MySQL driver, Spring Security)
- MySQL Database
- JPA Relationship
- **Real-time scheduling algorithm** for efficient bookings and hassle-free updates, cancellations, check-ins, and check-outs.
- Companies can register, manage accounts, and add branches and parking spots.
- Customers can register, manage accounts, add cars, and make bookings.
- Authentication and authorization mechanisms
- JUnit5 test

### ❖ Event Tickets Web Application (23 API) – Spring Boot

- Spring Boot (Java framework).
- Spring dependencies (Spring Web, Validation, Lombok, Spring data JPA, MySQL driver)
- MySQL Database
- JPA Relationship
- More than 23 API endpoints
- Authentication and authorization mechanisms

### ❖ Riyadh Cafe Rating Web Application with more than 2600 cafes

- Using the three-layer Architecture with 2 private subnets and one public subnet.
- Deployed to AWS with load balancer, EC2, S3, on a VPC.
- Spring Boot (Java framework) for the back-end.
- Spring dependencies (Spring Web, Validation, Lombok, Spring data JPA, MySQL driver)
- MySQL Database, JPA Relationship.
- JavaScript, HTML, CSS for the front-end

## SKILLS

- ◆ C++
- ◆ C
- ◆ Java
- ◆ Spring Boot Framework
- ◆ HTML
- ◆ CSS
- ◆ JavaScript
- ◆ React
- ◆ Node.js
- ◆ MongoDB
- ◆ MySQL
- ◆ Python
- ◆ Figma
- ◆ Git/Github
- ◆ Machine learning
- ◆ Microcontroller
- ◆ Microsoft office (Word, Power Point, Excel)

## COURSES

- ◆ Udemy: API and Web Service Introduction
- ◆ Java Programming at Arizona State University
- ◆ Spring Boot (Java Framework)

## LANGUAGES

- ◆ Arabic (Native)
- ◆ English (Advanced)