

Omar Daghestani

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Summary

Aspiring Software Engineer proficient in MERN, Java/Spring Boot, and Android development, backed by robust academic and personal projects demonstrating the ability to build scalable applications. AWS Certified Cloud Practitioner.

Technical Skills

- JavaScript, Java, PHP, SQL, React, HTML5, CSS3, Node.js, Express.js, Spring Boot, MySQL, PostgreSQL, MongoDB
- Docker, Git, GitHub, Postman, VS Code, IntelliJ IDEA, Agile/Scrum, Burp Suite, SonarQube, CWE

Projects

WanderQuest (MERN Stack Web Application)

Developed a full-stack travel planner featuring dynamic itineraries from integrated Google Places & OpenWeather APIs and secure user authentication via JWT.

Technologies: React, Node.js, Express.js, MongoDB, JWT, External APIs

Vacation Booking Backend (REST API)

Engineered a RESTful backend (Java, Spring Boot, MySQL) with comprehensive CRUD operations, ensuring API reliability and performance through rigorous Postman testing.

Technologies: Java, Spring Boot, MySQL, Postman

My Vacation App (Android Native)

Created a native Android app for itinerary management, utilizing local data storage for offline access and integrating system alerts and sharing features.

Technologies: Java, Android SDK, Room Persistence Library

Work Experience

edX

01/2023 – Present

Full Stack Teaching Assistant

Remote

- Provided technical mentorship and debugged code for 200+ students in MERN stack bootcamps, improving project functionality and adherence to standards.
- Developed clear MERN stack demonstration projects to illustrate core JavaScript principles and architectural patterns.
- Collaborated with instructors to create standardized project templates using Git, enhancing student learning efficiency.

PowerSchool

04/2021 – 01/2023

Technical Resource Specialist

Remote

- Provided remote support, diagnosing software issues and automating workflows with PHP-based cron jobs to improve system efficiency.
- Collaborated with development teams in testing and deploying system updates via Git, ensuring smooth integration.

Front Range Community College

09/2018 – 09/2020

Student Lead Technician

Westminster, CO

- Managed user accounts in Active Directory and assisted with network infrastructure migration and security compliance.
- Provided direct IT support to over 20,000 users, troubleshooting a wide range of software and hardware issues.

Education

Western Governors University

Graduated: December 2024

B.S., Software Engineering

Salt Lake City, UT (Online)

- Capstone Project:** Built a full-stack e-commerce platform using React and Node.js, implementing product catalog management and a dynamic shopping cart.

Columbia University

Graduated: November 2022

Columbia Engineering Boot Camp

New York City, NY (Online)

Certifications

AWS Certified Cloud Practitioner (Aug 2024) | CompTIA Project+ (Sep 2024) | CompTIA Security+ (Mar 2022)