

Omar Daghestani

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Professional Summary

Full-Stack Software Engineer specializing in building and scaling applications using the MERN stack, Java/Spring Boot, and native Android. Proven ability to deliver robust, full-lifecycle projects, from a travel-planning web app with third-party API integrations to a high-performance RESTful backend. An AWS Certified Cloud Practitioner dedicated to writing clean, efficient code and enhancing user experience.

Technical Skills

Languages: JavaScript, Java, PHP, SQL

Frontend: React, HTML5, CSS3, Responsive Design

Backend: Node.js, Express.js, Spring Boot, RESTful APIs

Databases: MySQL, PostgreSQL, MongoDB

Security: Burp Suite, SonarQube, CWE

Tools & Methodologies: Docker, Git, GitHub, Postman, VS Code, IntelliJ IDEA, Agile/Scrum

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

- Mentored 200+ students in MERN stack bootcamps, improving project functionality and code quality through targeted debugging and technical guidance.
- Authored and implemented MERN stack demonstration projects to illustrate core JavaScript principles and architectural patterns, enhancing student comprehension.
- Collaborated with instructors to create standardized project templates using Git, reducing student setup time and improving learning efficiency.

PowerSchool

04/2021 – 01/2023

Technical Resource Specialist

Remote

- Improved system efficiency by diagnosing complex software issues and automating internal workflows with PHP-based cron jobs.
- Contributed to the software development lifecycle by testing and deploying system updates via Git, ensuring smooth and error-free integration for end-users.
- Resolved an average of 15+ technical support tickets daily, maintaining a 95% user satisfaction rate.

Front Range Community College

09/2018 – 09/2020

Student Lead Technician

Westminster, CO

- Managed user accounts in Active Directory and supported a network infrastructure migration for an organization of over 20,000 users.
- Provided comprehensive IT support, troubleshooting a wide range of software and hardware issues to maintain operational uptime across campus.

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)