

Omar Daghestani

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Professional Summary

Aspiring Junior Software Engineer with hands-on experience developing full-stack and mobile applications using React, Node.js, and Java. Built a MERN stack travel planner and Android vacation app, showcasing problem-solving and collaboration skills. AWS Certified Cloud Practitioner, eager to contribute to team-driven software solutions and grow as a developer.

Technical Skills

Languages: JavaScript (ES6+), Java, SQL
Frontend: React, HTML5, CSS3, Responsive Web Design
Backend: Node.js, Express.js, Spring Boot, RESTful APIs
Databases: MySQL, MongoDB
Tools: Git, GitHub, Postman, VS Code, IntelliJ IDEA
Methodologies: Agile/Scrum, Object-Oriented Programming

Projects

WanderQuest (MERN Stack Web Application)

Technologies: React, Node.js, Express.js, MongoDB, JWT, Google Places API, OpenWeather API

- Designed and developed a travel planner web app, integrating Google Places and OpenWeather APIs to enable users to create personalized itineraries with real-time weather and attraction data.
- Built responsive React UI with itinerary creation and dark mode, integrated with external APIs.
- Implemented JWT-based authentication to secure user data.
- [GitHub: OmarDGreat/WanderQuest](https://github.com/OmarDGreat/WanderQuest)

Vacation Booking Backend (REST API)

Technologies: Java, Spring Boot, MySQL

- Built a RESTful backend for a vacation booking app, managing booking data efficiently.
- Developed CRUD operations with Spring Boot and MySQL, ensuring secure order tracking.
- Tested API endpoints using Postman for reliable performance.
- [GitLab: OmarDGreat/VacationBooking](https://github.com/OmarDGreat/VacationBooking)

My Vacation App (Android Native)

Technologies: Java, Android SDK, Room Persistence Library

- Created a native Android app for managing vacation itineraries with local data storage.
- Designed user-friendly UI for tracking vacation details.
- Added alerts and sharing features via email/SMS.
- [GitLab: OmarDGreat/MyVacationApp](https://github.com/OmarDGreat/MyVacationApp)

Work Experience

edX

01/2023 – Present

Full Stack Teaching Assistant

Remote

- Debugged student code, improving project functionality and adherence to standards.
- Mentored 200+ students in MERN stack bootcamps, guiding e-Commerce and API development.
- Developed MERN stack demos to demonstrate JavaScript best practices.

- Collaborated with instructors to create project templates using Git and VS Code.

PowerSchool

04/2021 – 01/2023

Technical Resource Specialist

Remote

- Provided remote desktop support to clients, resolving software issues, guiding application usage, and configuring systems for optimal performance.
- Configured Windows Task Scheduler for automated workflows and developed PHP-based cron jobs to streamline system processes and enhance operational efficiency.
- Collaborated with developers to test and deploy system updates using Git, ensuring seamless integration and minimal downtime.

Front Range Community College

09/2018 – 09/2020

Student Lead Technician

Westminster, CO

- Configured user accounts in Active Directory, ensuring secure access for faculty and students.
- Supported network infrastructure migration by configuring hardware and ensuring security compliance.
- Provided IT support for 20k+ faculty and students across 3 campuses, troubleshooting software and hardware issues across Windows and macOS.

Certifications

AWS Certified Cloud Practitioner

Aug 2024

CompTIA Project+

Sep 2024

CompTIA Security+

Mar 2022

Additional: Columbia University Coding Bootcamp (Nov 2023), freeCodeCamp Responsive Web Design (Oct 2023)

Education

Western Governors University

Graduated: December 2024

B.S., Software Engineering

Salt Lake City, UT (Online)

Relevant Coursework: Data Structures, Algorithms, Cloud Computing

Capstone: Developed a task management app using React and Node.js