

Dino Rahmanovic

Software Engineer | QA Engineer | Systems Engineer

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Education

Portland State University — Bachelor of Science in Computer Science

Portland, OR — March 2026

Mt. Hood Community College — Associate of General Studies

Gresham, OR — June 2021

Technical Skills

Languages: Python, Java, C++, C, JavaScript, SQL, Bash, Swift, HTML/CSS

Frameworks & Tools: MERN Stack (MongoDB, Express.js, React.js, Node.js), REST APIs, Pandas

Cloud & Systems: Google Cloud Platform (VMs, IAM), AWS (EC2, IAM fundamentals), Linux, Docker

Testing & Development Practices: User Acceptance Testing (UAT), Test Case Development, Software Quality Assurance, Debugging, Unit Testing, Integration Testing, Agile Workflows, Git/GitHub, CI/CD

Concepts: Data Structures, Algorithms, Object-Oriented Programming, Software Development Lifecycle

Experience

Arnaut Realty

Oregon City, OR

IT / Software Intern

June 2025 – September 2025

- Built and deployed a website to support property inquiries and improve the company's online presence
- Implemented automated email workflows to streamline lead capture and improve response handling for inquiries
- Configured systems, user accounts, and Microsoft-based tools to support internal operations and productivity
- Provided technical support and system setup across company devices

Freelance Web Developer (Contract)

Beaverton, OR

Leak Locaters LLC

January 2026 – March 2026

- Designed and deployed a business website using Wix developer mode to establish an online presence
- Implemented lead capture forms and automated workflows to manage and respond to customer inquiries
- Configured domain, hosting, and deployment settings to ensure a stable and accessible production environment

Barista

Tigard, OR

Dutch Bros Coffee

January 2020 – March 2024

- Delivered customer service in a high-volume, fast-paced environment while maintaining efficiency and accuracy
- Troubleshoot POS and order system issues to minimize disruptions and maintain smooth operations

Technical Projects

Instant Messaging Web Application (MERN Stack)

- Built a full-stack real-time messaging application using the MERN stack (MongoDB, Express, React, Node.js)
- Implemented JWT-based authentication, REST APIs, and persistent message storage for user communication
- Designed, tested, and validated backend endpoints to ensure reliable data flow and system behavior

8-Bit Audio Production & Visualization System (ESP32 / Embedded Systems)

- Developed a team-based embedded system using ESP32 microcontrollers with LCD waveform display, SD card input, and real-time audio output
- Debugged memory and data update issues using pointers to ensure audio changes were applied directly to memory
- Integrated hardware including amplifier, speaker, potentiometer, and SD card interface for audio output

Capstone Arcade Platformer — Team Game Development

- Developed UI assets and contributed to gameplay system integration in a team-based arcade platformer project
- Collaborated with developers to test features, identify bugs, and support debugging efforts during development
- Implemented software features and supported system integration in a team development environment