

Alexander Arizola

Software Engineer

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Summary

First-generation software engineer with years of experience building high-quality, scalable, and accessible solutions. Skilled in multiple programming languages with a strong focus on front-end development, while also contributing to broader system design and implementation. Experienced in leading teams of both senior and junior developers, fostering collaboration through code reviews, mentorship, and knowledge-sharing. Committed to driving technical excellence in architecture, testing, and delivery.

Education

Lake Washington Institute of Technology

Kirkland, WA

AAS-T in Computing and Software Development

July 2023 - December 2025

- ★ **Awards:** 1x Quarterly President's List Honor, 3x Quarterly Dean's List Honor, 2x Foundation Scholarship, 1x Technical Scholarship
- ★ **Selected Coursework:** SQL, JavaScript, HTML and CSS, PHP Scripting, QA Methodologies, Computer Science I Java, Computer Science II, Computer Programming Fundamentals

North Creek High School

North Creek, WA

High School Diploma

September 2017 - June 2021

- ★ **Selected Coursework:** Web Design, Introduction to Computer Science Principles, AP Computer Science Principles

Certifications

Web Development

Lake Washington Institute of Technology

Certificate of Completion

January 2025

Featured Projects

Adriana's Bowtique

Solo

React.js, Vite, TypeScript, Sass, Material UI

- ★ Developed a multilingual product showcase site enabling users to browse available bows and contact the seller directly.
- ★ Implemented English-Spanish translation support to expand accessibility for clients.
- ★ Designed a clean, responsive interface to enhance user engagement and ease of navigation.

Movie Lookup

Solo

Preact.js, Vite, TypeScript, Sass, Mantine, Axios

- ★ Created a movie search tool that retrieves and displays information including but not limited to, genre, director(s), cast, awards, box office stats, and ratings.
- ★ Integrated real-time API fetching and optimized the UI for fast, intuitive user interactions.

FiveM Server Framework

Multi-Person Team

Lua, TypeScript, SQL, MySQL, React.js, HTML, CSS, jQuery, Vite, Sass, Material UI

- ★ Engineered a custom FiveM server framework supporting 220+ concurrent players with minimal performance impact.
- ★ Designed intuitive and responsive front-end interfaces and scalable backend architecture.
- ★ Built a normalized 3NF relational database to enable efficient, reliable multi-table queries.

Skills

Programming Languages: Lua, JavaScript, TypeScript, SQL, HTML, CSS, Sass, Less

Libraries and Frameworks: React.js, jQuery, Material UI, Tailwind CSS

Tools and Platforms: GitHub, GitLab, Vite, NPM, MySQL, Netlify, JSON