

Alexander Arizola

Software Engineer

contact@alexarizola.dev

linkedin.com/in/alexander-arizola/

425-780-2304

alexarizola.dev/

github.com/CodedByArizola/

Education

Lake Washington Institute of Technology

Kirkland, WA

Associate of Applied Science - Transfer 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
- **Certifications:** Web Development

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

Experience

FiveM Server Lead Developer

November 2021 - May 2025

- Architected and implemented scalable backend systems in **Lua** and **TypeScript**, supporting **225+ concurrent users** with secure **SQL** integrations.
- Designed normalized relational databases (**3NF**), implementing indexing and query optimizations that significantly reduced **database response times**.
- Built **responsive and accessible React**-based UIs using **TypeScript** and **Sass**, improving user experience and reducing support issues.
- Managed **CI/CD workflows** and version control using **Git**, **GitHub/GitLab**, and tracked agile tasks via **Jira** and **Trello**.
- Led **code reviews** and mentored fellow developers, improving **code quality** and **deployment stability**.
- Implemented database security controls including **role-based permissions** and **IP whitelisting** to protect sensitive player data.

Featured Projects

Game Inventory System

Solo

React.js, Redux, Vite, TypeScript, Sass, SQL

- Implemented **advanced item interactions** including moving, stacking, splitting, and real-time transfers between multiple containers.
- Designed intuitive **drag-and-drop functionality** and **keyboard shortcuts** to improve speed, usability, and workflow efficiency.
- Leveraged **Redux** for **global state management** to ensure **instant UI updates** and predictable state flow.
- Engineered backend synchronization logic to maintain **data consistency, persistence, and SQL table integrity**.

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.

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, Git, Jira, Vite, NPM, MySQL, Netlify, Postman, JSON