

# Rafael Silva

774-294-2006 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Education

**Western Governors University, Salt Lake City, Utah**

*Bachelor of Science in Software Engineering - June 2024*

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## Skills

JavaScript, Java, Python, SpringBoot, User Interface Design (UI), User Experience (UX), MySQL, Android Development, Active Directory, AWS Cloud Services, Docker, GitLab, PostgreSQL.  
AWS - Certified Cloud Practitioner | ITIL4 Foundations | Portuguese(Fluent/Bilingual).

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## Experience

**Geek Elements, Pawtucket, RI**

*Desktop Technician - July 2023 - Present*

- Troubleshoot hardware, software, and network issues, including Active Directory and O365 administration.
- Offer hands-on assistance and phone support to users and staff.
- Developed a Python script that reduced duplicate computer serial number identification time by 20%.
- Assist and create in preparing manuals, training materials, and training users in the use of systems and modifications to systems.
- Perform hardware upgrades and equipment installations.
- Conducted system maintenance and ensured data security protocols were followed.

**C&O Concrete and Masonry, LLC, Pawtucket, RI**

*Stone Mason - May 2020 - June 2023*

- Collaborated with customers and vendors to procure materials and products.
  - Employed strong communication skills, attention to detail, and problem-solving abilities to ensure high-quality work and customer satisfaction.
  - Experienced in using tools and machinery.
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## Volunteering

**Saint Raphael Academy, Pawtucket, RI**

*Robotics Mentor(REV Robotics First Tech Challenge) - September 2023 - March 2024*

Guided and mentored 13 robotics club students, from freshmen to seniors, in designing, building, and programming robots for the Rev Robotics FIRST Tech Challenge competition. Used an Android-based robot kit programmed in Java, Kotlin, and Blocks programming interface.

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## Projects

**Capstone - Mobile Development** | Android Studio, Java, SQLite, GitLab - June 2024

Developed a full-stack mobile application for a Vacation Scheduling Tool with a functional register/login screen, search functionality, ability to save, retrieve, edit, and delete data and generate user reports.

**Web-Based Inventory Application** | SpringBoot, Java, HTML - February 2024

Developed a "Buy Now" button that decrements the product's inventory when bought. Developed a message that indicates if a purchase is successful or failed. Integrated Maximum and minimum fields for products/parts. Implemented error messages regarding low inventory when adding or updating parts/products and if exceed inventory.

**Interactive World Map** | Angular| TypeScript - December 2024

Developed an interactive world map using an SVG file and the WorldBank API so that when a specific country is selected it returns info about the country(Name, Capital, Region, Income Level).

**Personal Portfolio** | <https://rsilva.dev> | HTML| W3.CSS | JavaScript

Personal portfolio to display personal projects and resume, leveraging HTML, W3.CSS, JavaScript, and FormSpree API.

**Landing Page for Travel Agent** | HTML, CSS, JavaScript - September 2023

Developed a landing page for an independent travel agent leveraging HTML, CSS, and Javascript and used FormSpree API.