


Ricardo Ayala

Software Developer

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Technical Skills

HTML, CSS, Bootstrap, Tailwind, JavaScript, Typescript, Next.js, React.js, jQuery, Java SE, Java EE (Servlets, JSP), Spring, Thymeleaf, MySQL, Object-Oriented Programming, Test-Driven Development, Version Control with Git, Paired Programming

Education

Codeup

Certification of Completion
Nov 2022 - May 2023

This 5-month coding boot camp teaches full-stack software development through 670 contact hours of hands-on technical training (20% more time than 4-year degree majors require). Students hone skills in modern web technologies, computer science, software engineering, and application architecture while gaining project experience with pair programming, debugging, troubleshooting, agile project management, user stories, feature lists, UI/UX, wireframing, and relational database design.

As an Air Force veteran with subsequent aerospace experience, I pivoted to tech through CodeUp's 5-month bootcamp, honing full-stack development skills. My focus is on blending technical acumen and problem-solving to deliver superior software solutions.

Development Projects

EntryLevelCoder

Developed Entry Level Coder, a job site for novice developers using Adzuna's API, focusing on back-end and database design with some front-end contributions. Tech stack: Java, Spring, Springboot, JavaScript, HTML, CSS

Resume Builder

Created a compact Resume Builder app using TypeScript, React, and Tailwind CSS, allowing users to create and download resumes in DOCX format. Built with Vite for optimized performance.

Professional Experience

United States Air Force - Multiple Locations

Aircraft Mechanic | Emergency Response Team / Oct 2012 - Dec 2016

- Managed a squadron radio program, overseeing assets worth \$280,000 and proactively resolving technical issues.
- Responded swiftly to emergencies, employing quick diagnostics and decisive action to mitigate disruptions.
- Performed inspections of complex systems, ensuring their operational readiness and maintaining high standards of precision.

Honeywell AeroSpace - Torrance, CA

Assembly Mechanic / Aug 2018 - Feb 2020

- Inspected aircraft systems thoroughly, ensuring compliance with technical data and specifications.
- Worked with supervisors and team members to meet departmental objectives and enhance processes, showcasing effective teamwork and initiative.
- Conducted detailed post-overhaul inspections and data analysis, ensuring aircraft parts met technical standards and quality requirements

SpaceX - Hawthorne, CA

Propulsion Technician / Feb 2020 - Sep 2022

- Collaborated with engineering teams on process improvements, reducing production times and enhancing safety measures.
- Created visual guides to standardize procedures, improving knowledge transfer, team productivity, and process optimization, ensuring quality outcomes.
- Assembled and tested sub-assemblies with precision, meeting high quality and safety standards, and participated in process improvement initiatives.