

Addy Rodriguez

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Software Engineer

Software Development | Team Leadership | Engineering Design | Technical Innovation | Project Management

PROFESSIONAL SUMMARY

Driven software engineer with a strong curiosity for innovation and technology. Adaptable and detail-oriented collaborator known for resourceful problem-solving skills. Adept at cross-functional teamwork, leading design, development, and testing of scalable applications. Proficient in both front-end and back-end development with a passion for continuous learning.

TECHNICAL SKILLS

Programming Language & Tools: JavaScript | Python | HTML | CSS | SQL | ChatGPT

Frameworks: React | Node.js | Express.js | Jest | Cypress | Django

Development Tools: Git | Github | Jira | Confluence | Github Actions | Postman | VS Code | Netlify | MongoDB | Jenkins

WORK EXPERIENCE

Software Engineering Apprentice – Security Business Group – Common Services **September 2022 – December 2023**
Cisco (Remote)

As a Software Engineer, gained expertise in working through technical challenges and devising solutions, ensuring collaboration among team members and maintaining a history of code evolution.

- Strengthened security by securely configuring password parameters and eliminating AWS credentials from scripts in Jenkins. Ensured secure parameter passing during production upgrades, resulting in 0 security incidents during testing and deployments.
- Enhanced codebase test coverage from 80% to 93% by leveraging newfound expertise, efficiently designing and applying comprehensive unit tests to improve the reliability and stability of software.
- Improved testing efficiency to 90% through transition from Protractor to Cypress improving testing reliability. Attained proficiency in Cypress via Pluralsight. Initiated migration by crafting Cypress test case, ensuring seamless dashboard validation within 'User-Profile' context.
- Integrated new product name into source code per project manager's request. Validated changes across website for hundreds of customers. Documented implementation on Confluence for reference, ensuring successful integration.
- Resolved 71 codebase deficiencies identified by the SonarQube tool, rectifying critical errors and elevating the grade from initial failing status (Grade F) to passing grade (Grade A).

PROJECTS

- Popcorn Watch: Collaborated to build a movie tracking website using TMDB API, React, Bootstrap.
- Code-PALS: Collaborated to build social website meant for pet owners using JavaScript, HTML, CSS, Express.js
- MyPetPro: Developed an application for pet owners using Python, Django, PostgreSQL, Bulma

EDUCATION/ TRAINING

Multiverse Certificate in Applied Full-Stack Software Engineering **September 2022 – December 2023**
Multiverse (Remote)

Completed a 15-month software engineering apprenticeship with Multiverse, utilizing an applied learning model to combine theoretical computer science knowledge, technical skills for Agile environments, and experience in a professional setting.

- Developed coding projects, including Popcorn Watch, The Spoonful Blog, and Movie Go.

Software Engineering Immersive **December 2021 – March 2022**
General Assembly (Remote)

Successfully completed 500+ hours of expert led instruction in JavaScript, HTML, and hands-on learning of CSS fundamentals.

- Developed coding projects, including Blackjack Card Game, Code-PALS, Everything Bob's Burgers, and MyPetPro.

St. Mary's University – San Antonio, Texas
Bachelor of Business Administration

Major: Marketing