

# 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

**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**  
**Cisco (Remote)**

**September 2022 – December 2023**

*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

- **Blackjack Card Game:** Built an individual web app game using JavaScript, HTML, and CSS.
- **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**  
**Multiverse (Remote)**

**September 2022 – December 2023**

*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**  
**General Assembly (Remote)**

**December 2021 – March 2022**

*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**