ADDY RODRIGUEZ
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with hands-on experience in building scalable applications, test automation, and cross-functional collaboration. Skilled in JavaScript, Python, and backend development using Node.js, with exposure to CI/CD, secure development practices, and production systems. Proven track record improving test coverage, building API-driven apps, and contributing in Agile team environments. Passionate about solving problems, learning new technologies, and building scalable tools that serve real users.

TECHNICAL SKILLS

- **Programming Language & Tools:** JavaScript | Python | HTML | CSS | SQL
- **Frameworks:** React | Node.js | Express.js | Jest | Cypress | Django
- **DevOps:** GitHub Actions | Jenkins | AWS
- **Tools:** Git | GitHub | Jira | Confluence | Postman | VS Code| Netlify| MongoDB
- **Other:** Microsoft Office Suite | Chrome DevTools | Agile methodologies | Generative AI |

WORK EXPERIENCE

Software Engineering Apprentice | Cisco Systems | (Remote)   **September 2022 – December 2023**

As a Software Engineer, gaining expertise in working through technical challenges and devising solutions, as well as utilizing Git to manage codebase changes – ensuring collaboration among team members and maintaining a history of code evolution.

- Increased test coverage from 80% to 93% by designing and executing Cypress tests across production-critical web platforms.
- Migrated from Protractor to Cypress, increasing testing efficiency by 90% and improving maintainability.
- Collaborated with engineers and PMs to validate key feature deployments and document updates in Confluence.
- Triaged and documented 70+ security vulnerabilities using SonarQube, raising system grade from F to A.
- Developed front-end components for Cisco's SecureX dashboard using Magnetic UI, building custom view drawers and dynamic table elements to improve user interaction and data visibility across the platform.
- Partnered with DevOps to configure secure Jenkins pipelines, eliminating AWS credential exposure and ensuring zero production incidents.

Help Desk Assistant | Information Technology Services - STMU | *(San Antonio, TX)*   **August 2010 – May 2014**

- Diagnosed and resolved hardware/software issues for laptops, improving system uptime and customer satisfaction.
- Repaired and replaced hardware like motherboards and keyboards, ensuring functionality and extending hardware lifespan.
- Managed help desk tickets using structured workflows to ensure timely resolution and clear documentation of support issues.

PROJECTS

- CourtIQ: Full-stack basketball stats app using MongoDB, Express, React, Node, Tailwind integrating a custom API & api-sports.io.
- PopcornWatch: Collaborated to build movie search app using React, JavaScript and integrates TheMovieDB API.
- MyPetPro: Developed an application for pet owners using Python, Django, PostgreSQL, Bulma

EDUCATION/ TRAINING

Python Programming | PerScholas Alumni | *(Remote)*   **February 2025 – April 2025**

Completed an intensive two-part, instructor-led course designed to strengthen professional Python development skills. Covered Python syntax, OOP, file handling, and best practices through hands-on exercises and debugging.

- *Reinforced modular coding, error handling, and core data structures through applied problem-solving.*

Software Engineering | PerScholas | *(Remote)*   **June 2024 – November 2024**

Completed an intensive 15-week software engineering program focused on full-stack development, including React, Node.js, RESTful APIs, state management, and database indexing, while building scalable MERN stack applications and integrating APIs.

- Developed coding projects, including CourtIQ, The News App, and The Gallery.

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

Completed a comprehensive 15-month software engineering apprenticeship with Multiverse, utilizing an applied learning model to combine theoretical computer science knowledge, technical skills for Agile environments, and practical 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   **Major: Marketing**
Bachelor of Business Administration