

# Freddy Rojas

## System Engineer

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

USA | Languages: English, Spanish

### Summary

Results-driven Software Engineer with 6+ years of experience in full-stack development, backend systems, and quality assurance. Proven ability to design scalable APIs, automate testing, and deliver robust software solutions. Adept at collaborating in agile teams and continuously learning new technologies to drive innovation. Actively leveraging AI-assisted development tools to accelerate delivery, improve code quality, and design modern, scalable software systems.

### Technical Skills

**Languages & Frameworks:** Python, JavaScript, React.js, Node.js, Flask, PHP, Java, Spring Boot

**Web & UI:** HTML5, CSS3, Bootstrap, JQuery, WordPress, Joomla

**Databases:** PostgreSQL, MySQL, Microsoft SQL Server, Oracle

**Tools & Platforms:** Git, Docker, AWS RDS, Hyper-V, JIRA, Confluence, Postman, REST APIs, JSON, API Integration

**CI/CD & DevOps:** GitLab CI/CD, Harness, Sentry

**Operating Systems:** Windows, Linux

### Professional Experience

#### **Software Developer**

**ZYSC Software** - Tampa, Florida

Mar 2025 - Present

- Enhanced backend architecture with modular schemas, routes, and utility functions.
- Collaborated with frontend and leadership teams to align backend with UI goals.
- Utilized JIRA, for workflows, issue types, schemes, custom fields, and for project tracking and collaboration.
- Managed secure AWS RDS access via SSH tunnels and Docker environments.
- Developed React-based frontend components integrated with REST APIs to support dynamic business workflows.
- Leveraged AI-assisted tools to refactor backend services, improve maintainability, and accelerate development cycles.

#### **Quality Assurance Analyst**

**ID.me** - Tampa, Florida

Jun 2021 - Mar 2025

- Conducted 380+ weekly audits for IRS and other clients using quality evaluation systems.
- Identified and reported 15+ fraud cases, improving security protocols.
- Utilized JIRA, Zendesk, and Confluence for project tracking and collaboration.

#### **QA Engineer (Cross-training)**

**ID.me** - Tampa, Florida

May 2024 - Jul 2024

- Developed test matrices and cases for web, browser extensions, and mobile apps.
- Performed exploratory testing and collaborated with engineers in agile sprints.

#### **Classroom Monitor - IT Help Desk**

**FCPS** - Fairfax, Virginia

Feb 2021 – Jun 2021

- Providing face-to-face classroom assistance, I offer technical support engineering to 50+ teachers and 300+ students weekly.
- Expertly troubleshoot and guide through 200+ specific tasks, ensuring flawless technology utilization.

#### **Software Development Specialist**

**Fortaleza Bank** - La Paz, Bolivia

Nov 2019 - Aug 2020

- Developed backend modules using 4GL, PHP, JavaScript, Spring Boot, and EJB.
- Led Agile projects via GitLab and Maven, improving delivery speed by 15%.
- Integrated Ruby on Rails to enhance RESTful service performance.

**Full Stack Developer**

**Reds IT Solutions** - La Paz, Bolivia

Jun 2019 – Jun 2021

- Delivered custom software solutions as an independent contractor.
- Built websites using JavaScript, HTML5, CSS3, WordPress, and Joomla.
- Reduced bounce rates by 40% and increased conversions by 25%.

**Network and Communications Administrator**

**Quipus Public Enterprise** - La Paz, Bolivia

Apr 2015 - Jul 2019

- Administered VMware, Hyper-V, DNS, and Active Directory infrastructure.
- Improved LAN performance and automated production for 800+ units.

**Backend Software Developer**

**ProcessMaker** - La Paz, Bolivia

Apr 2013 - Mar 2015

- Resolved PM2.x bugs and developed backend features for PM3 using PHP and MySQL.
- Conducted API testing with Postman and RESTClient, achieving 98% endpoint coverage.
- Implemented unit tests and Scrum Agile practices to ensure timely delivery.

**Education**

**Software Engineering Bootcamp**, University of South Florida (2023–2024)

**B.Sc. in Systems Engineering**, Bolivian Catholic University

**M.Sc. in Project Management**, Rey Juan Carlos University

**Graduate Diploma in Information Systems Security**, Private University Bolivia

**Certifications**

ISTQB® Foundation Level – RexBlack

GitLab Certified CI/CD Associate, Git Associate, Project Management Associate

Selenium Ruby Automation Engineer – Udemy

Technical Support – TestDome

WordPress, JavaScript, Web Development, HTML, CSS – EDteam