# VIOLET RODRIGUEZ

# Sr. Software Engineer | Full-Stack Development | Cloud Solutions

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San Jose, California



# **SUMMARY**

With over 3 years of professional experience, I'm driven to leverage my expertise in full-stack development, front-end technologies, and cloud solutions to drive product innovation. My career highlight includes leading a project that boosted user engagement by 20%.

### **EXPERIENCE**

### Senior Full-Stack Developer

#### **Tech Innovations Inc.**

# 01/2021 - Present ♀ San Jose, CA

- Spearheaded the development of a feature-rich analytics platform, integrating HTML5, CSS3, and React, boosting customer insights by 35%
- Orchestrated a seamless migration of key applications to AWS, resulting in a 25% reduction in hosting costs and a 15% improvement in application availability
- Collaborated closely with cross-functional teams to re-engineer a legacy system using Java and Spring Boot, improving system efficiency by 40%
- Championed CI/CD processes using Jenkins and Docker, reducing deployment times by 50% and facilitating consistent, daily production updates
- Authored comprehensive unit and functional test suites for new software modules, leading to a 30% decrease in post-deployment bugs detected
- Directed and supported junior developers using modern frameworks, such as Angular and Node.js, promoting code quality and maintainability

# Software Engineer II

#### **CodeCrafters International**

- Developed an e-commerce web application using React and TypeScript that handled over 10,000 transactions monthly
- Enhanced user authentication and security by implementing OAuth and JWT, securing user data across platforms
- Optimized SQL and NoSQL database queries, reducing load times by 20% and enhancing user experience
- Actively participated in bi-weekly agile sprint planning, contributing to a 15% increase in team velocity
- Mentored three junior developers in test-driven development and pair programming practices, improving team productivity by 10%

#### Software Developer

#### **NextGen Solutions**

**m** 06/2016 - 08/2018 Palo Alto, CA

- Implemented new features for a cloud-based SaaS product, benefiting over 1,000 enterprise clients
- Reduced application load time by 25% by re-factoring inefficient code and optimizing front-end assets
- Initiated a corporate-wide code review practice, which improved code quality
- Contributed to the creation of a customer support chatbot using Al technologies, enhancing customer service response times by 40%

# **EDUCATION**

#### Master's in Computer Science

#### **Stanford University**

#### Bachelor's in Software Engineering

### **San Jose State University**

# **PROJECTS**

# Open Source Contribution to ChatEngine

Enhanced real-time chat engine capabilities by integrating WebSockets for broader browser support. GitHub link: github.com/ChatEngine

### Development of MiniCRM System

Built a lightweight CRM platform for small businesses using Node.js and MongoDB. GitHub link: github.com/MiniCRM

### **KEY ACHIEVEMENTS**



#### **Lead Project to Boost Engagement**

Sole responsibility for a key project that resulted in a 20% upsurge in user engagement through intuitive feature enhancements.



### **Recognized for Optimizing Costs**

Drove a cloud migration initiative that cut hosting expenses by 25%, earning recognition for cost-saving measures.



#### **Mentorship Excellence Award**

Awarded for dedication to mentoring junior staff, significantly boosting code quality and team performance.



# **Innovation in AI Chatbot Development**

Pioneered an AI chatbot project, leading to a 40% improvement in customer service efficiency and satisfaction.

React

# **SKILLS**

**HTML CSS JavaScript** 

**TypeScript** 

Java

# **LANGUAGES**

**English** Native



**Spanish** Proficient

