RENATA VOSS

DIRECTOR OF SOFTWARE ENGINEERING

CONTACT



San Jose, CA

<u>LinkedIn</u>

Github.com

EDUCATION

Bachelor of Science Software Engineering California Institute of Technology 2006-2010 Pasadena, CA

SKILLS

Frontend:

React.js, React Native, JavaScript, TypeScript, HTML5, CSS3

Backend & Server-side:

Node.js, Express.js, Spring Boot, RESTful APIs

Databases:

MongoDB, Oracle, PostgreSQL (optional addition if you've worked with it)

DevOps & Cloud:

Amazon Web Services (AWS), Docker, Jenkins, Git, CI/CD Pipelines

Tools & Platforms:

JIRA, Selenium, Postman, GitHub Actions

Big Data & ML:

Apache Hadoop, TensorFlow

WORK EXPERIENCE

Director of Software Engineering Adobe

2019 - current / San Jose, CA

- Managed a cross-functional team using Jira, increasing sprint velocity by 23% and ensuring consistent delivery of full-stack features.
- Enhanced application security by integrating **IDPS** systems within backend services, reducing successful social engineering attacks to <1%.
- Streamlined CI/CD with **Jenkins** and **Docker**, improving deployment quality by **54%** and enabling consistent test

Senior Engineering Manager Paypal

2014 - 2019 / San Jose, CA

- Resolved app compatibility issues across mobile platforms by leveraging **AWS Device Farm**, reducing platform-specific incidents by **92%**.
- Implemented Agile best practices across the team, shortening average production cycle times by 17% using tools like **Jira** and **Git**.
- Integrated responsive **React** UI components to reduce mobile layout defects by **31%**, increasing accessibility across screen sizes.
- Collaborated with backend teams to deploy **RESTful APIs** and microservices using **Node.js**, **Express**, and **MongoDB** for

Principal Software Engineer NextGen Tech

2010 - 2014 / Santa Clara, CA

- Optimized data storage and processing using **MongoDB Aggregation Pipelines**, enhancing concurrent request handling by 47%.
- Automated full-stack application testing using **Selenium** and **Postman**, reducing QA cycle defects by **68%**.
- Led a 4-person team to design and upgrade microservices connected to **MongoDB** and **Express**, maintaining **98% on-time delivery**.
- Implemented **cloud cost optimizations** via AWS (EC2 and Lambda), resulting in **28% lower hosting costs** and improved uptime.