MICHAEL RODRIGUEZ

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PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience developing scalable web applications and services. Expertise in full-stack development, cloud architecture, and agile methodologies. Proven track record of delivering high-quality software solutions that improve efficiency and drive business growth.

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, Java, SQL
- **Frameworks & Libraries:** React, Django, Express.js, Node.js, Spring Boot
- **Cloud Technologies:** AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes
- **DevOps:** CI/CD, Jenkins, GitHub Actions, Terraform
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

TechNova, Inc. | January 2020 - Present

- Led the development of a microservices architecture, improving system scalability by 200%
- Architected and implemented real-time data processing pipeline handling 10TB+ daily
- Mentored junior engineers, conducted code reviews, and established best practices
- Streamlined deployment processes, reducing release time from days to hours
- Collaborated with product and design teams to deliver features aligned with business goals

SOFTWARE ENGINEER

DataSphere Solutions | March 2017 - December 2019

- Developed RESTful APIs and web services for data analytics platform
- Optimized database queries, reducing response time by 40%

- Implemented automated testing framework, increasing code coverage to 85%
- Contributed to the design and development of the company's flagship product
- Participated in agile ceremonies and sprint planning

JUNIOR DEVELOPER

WebForge Technologies | June 2015 - February 2017

- Built responsive front-end interfaces using React and Redux
- Developed back-end services using Node.js and Express
- Integrated third-party APIs for payment processing and user authentication
- Fixed bugs and improved existing codebase
- Participated in peer code reviews and knowledge sharing sessions

EDUCATION

Master of Science in Computer Science Stanford University | 2015

Bachelor of Science in Software Engineering University of California, Berkeley | 2013

CERTIFICATIONS

- AWS Certified Solutions Architect
- Professional Scrum Master (PSM I)
- MongoDB Certified Developer
- Google Cloud Professional Data Engineer

PROJECTS

Open-Source Data Visualization Library

- Created a JavaScript library for interactive data visualizations
- 1,500+ GitHub stars and 300+ forks
- Actively maintained with regular updates and community contributions

Personal Finance Management App

- Developed a full-stack application for tracking expenses and investments
- Implemented machine learning algorithms for spending pattern analysis
- Utilized React Native for cross-platform mobile deployment