Sarah Johnson

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Professional Summary

Results-driven software engineer with 6+ years of experience in full-stack development and cloud architecture. Expertise in Python, React, and AWS with a proven track record of delivering scalable solutions that serve millions of users.

Experience

Lead Software Engineer

InnovateTech Solutions | New York, NY | 2021 - Present

• Architected and implemented microservices platform serving 2M+ daily active users

• Led a cross-functional team of 8 engineers in agile development practices

• Reduced system latency by 35% through database optimization and caching strategies

• Mentored junior developers and established code review best practices

• Technologies: Python, Django, React, PostgreSQL, Redis, AWS, Docker, Kubernetes

Senior Software Engineer

TechStartup Inc. | San Francisco, CA | 2018 - 2021

• Developed and maintained RESTful APIs processing 100K+ requests daily

• Built responsive web applications with modern frontend frameworks

• Implemented CI/CD pipelines reducing deployment time from hours to minutes

• Collaborated with product managers to define technical requirements

• Technologies: JavaScript, Node.js, Vue.js, MongoDB, Express.js, GitLab CI

Software Engineer

DevCorp | Austin, TX | 2017 - 2018

• Created automated testing suites improving code coverage by 40%

• Developed internal tools that increased team productivity by 25%

• Participated in on-call rotation supporting production systems

• Technologies: Java, Spring Boot, MySQL, JUnit, Maven

Education

Master of Science in Computer Science

Stanford University | Stanford, CA | 2015 - 2017

• Specialization: Artificial Intelligence and Machine Learning

• Thesis: "Deep Learning Approaches for Natural Language Processing"

• GPA: 3.9/4.0

Bachelor of Science in Software Engineering

University of California, Berkeley | Berkeley, CA | 2011 - 2015

• Minor in Mathematics

• Magna Cum Laude, GPA: 3.8/4.0

Skills

Programming Languages: Python, JavaScript, Java, TypeScript, Go, SQL

Frameworks & Libraries: Django, React, Node.js, Vue.js, Spring Boot, Flask

Databases: PostgreSQL, MongoDB, Redis, MySQL, DynamoDB

Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, GitLab CI, Terraform

Tools: Git, Jira, Figma, Postman, VS Code

Projects

E-Commerce Analytics Platform

• Built real-time analytics dashboard processing 500GB+ daily data

• Implemented machine learning models for sales forecasting with 85% accuracy

• Technologies: Python, Apache Spark, AWS EMR, React, D3.js

• GitHub: github.com/sarahjohnson/ecommerce-analytics

Open Source Contribution - React Testing Library

• Contributed performance improvements reducing test execution time by 20%

• Added new testing utilities used by 10K+ developers monthly

• Maintained documentation and provided community support

Certifications

• AWS Certified Solutions Architect - Professional (2023)

• Certified Kubernetes Application Developer (2022)

• Google Cloud Professional Data Engineer (2021)

Awards & Recognition

• "Engineer of the Year" - InnovateTech Solutions (2023)

• "Best Technical Innovation" - TechStartup Inc. (2020)

• Dean's List - Stanford University (2016, 2017)