JOHN ANDERSON

Senior Software Engineer

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Location: San Francisco, CA

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PROFESSIONAL SUMMARY

Highly accomplished Senior Software Engineer with 7+ years of experience building scalable web applications and cloud-based solutions. Expert in Python development, FastAPI, and AWS infrastructure. Proven track record of leading development teams and delivering high-quality software solutions. Passionate about clean code, best practices, and continuous learning.

TECHNICAL SKILLS

• Programming Languages: Python, JavaScript, Java, Go

• Web Frameworks: FastAPI, Django, Flask, Express.js

• Frontend: React, Vue.js, HTML5, CSS3

• Databases: PostgreSQL, MongoDB, Redis, MySQL

• Cloud Platforms: AWS (EC2, S3, Lambda, RDS), Google Cloud Platform

• DevOps: Docker, Kubernetes, Jenkins, GitHub Actions, CI/CD

• Tools: Git, Linux, Nginx, Terraform

• Methodologies: Agile, Scrum, Test-Driven Development (TDD)

PROFESSIONAL EXPERIENCE

Senior Software Engineer | CloudTech Solutions | San Francisco, CA

March 2020 - Present (4 years)

• Lead a team of 5 developers in designing and implementing microservices architecture using Python and FastAPI

• Architected and deployed scalable RESTful APIs serving 1M+ requests daily with 99.9% uptime

• Implemented CI/CD pipelines using Jenkins and Docker, reducing deployment time by 60%

• Migrated legacy monolithic applications to containerized microservices on AWS ECS

• Optimized database queries and implemented caching strategies, improving API response time by 40%

• Mentored junior developers and conducted weekly code review sessions

• Collaborated with product managers and stakeholders to define technical requirements

Software Engineer | DataFlow Inc. | San Francisco, CA

June 2017 - February 2020 (2.8 years)

- Developed full-stack web applications using Python Django and React.js

- Built and maintained RESTful APIs consumed by mobile and web applications

- Implemented authentication and authorization systems using JWT and OAuth2

- Designed and optimized PostgreSQL database schemas for high-performance data retrieval

- Integrated third-party APIs including payment gateways and cloud services

- Participated in Agile sprints and daily stand-ups

- Wrote comprehensive unit and integration tests achieving 90%+ code coverage

Junior Software Developer | StartupHub | Palo Alto, CA

August 2016 - May 2017 (10 months)

- Developed features for company's main web application using Python and Flask

- Assisted in database design and implemented data models

- Collaborated with senior developers on code reviews and bug fixes

- Participated in pair programming sessions and knowledge-sharing activities

EDUCATION

Bachelor of Science in Computer Science

Stanford University | Graduated 2016

GPA: 3.8/4.0

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate

- Certified Kubernetes Administrator (CKA)

- Python Programming Certification

NOTABLE PROJECTS

E-Commerce Platform Redesign

- Led the complete redesign of a high-traffic e-commerce platform handling $10M+ annual revenue

- Technologies: Python, FastAPI, React, PostgreSQL, AWS, Docker

Real-Time Analytics Dashboard

- Built a real-time analytics system processing 500K events per day

- Technologies: Python, FastAPI, WebSockets, Redis, MongoDB

Open Source Contributions

- Active contributor to several open-source Python projects

- Maintained a popular FastAPI extension library with 2K+ GitHub stars

PROFESSIONAL DEVELOPMENT

- Regular attendee at Python conferences (PyCon, PyBay)

- Active member of local tech meetups and user groups
- Continuous learner keeping up with latest industry trends and technologies

LANGUAGES

- English (Native)
- Spanish (Conversational)

INTERESTS

- Open Source Software Development
- Cloud Architecture
- Machine Learning and AI
- Technical Writing and Blogging