

John Smith

Backend Engineer

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Professional Summary

Experienced Backend Engineer with 5+ years building scalable microservices and distributed systems. Proven expertise in Python, TypeScript, AWS, and Docker. Passionate about open-source contributions and infrastructure as code. Strong track record of delivering high-performance backend solutions in fast-paced environments.

Technical Skills

Languages:	Python, TypeScript, JavaScript, Go
Cloud & DevOps:	AWS (EC2, Lambda, S3, RDS, CloudFormation), Docker, Kubernetes
Infrastructure:	Terraform, Ansible, CI/CD (GitHub Actions, Jenkins)
Databases:	PostgreSQL, MongoDB, Redis, DynamoDB
Frameworks:	FastAPI, Django, Express.js, Node.js
Other:	Microservices, RESTful APIs, GraphQL, Message Queues (RabbitMQ, SQS)

Work Experience

Senior Backend Engineer | TechCorp Inc. | 2021 - Present

- Architected and deployed Python microservices handling 10M+ daily requests using FastAPI and AWS Lambda
- Reduced infrastructure costs by 40% through optimization of AWS resources and containerization with Docker
- Implemented Infrastructure as Code using Terraform, managing 50+ AWS resources across multiple environments
- Led migration from monolith to microservices architecture, improving deployment frequency by 300%
- Mentored junior developers and contributed to open-source projects (3 major PRs accepted)

Backend Developer | DataFlow Systems | 2019 - 2021

- Developed RESTful APIs using Django and PostgreSQL serving 1M+ users
- Implemented real-time data processing pipelines using AWS Kinesis and Lambda
- Set up CI/CD pipelines with GitHub Actions, reducing deployment time by 60%
- Integrated third-party services and managed Docker containerization
- Collaborated with frontend team using TypeScript and Node.js for BFF layer

Education

Bachelor of Science in Computer Science

University of California, Berkeley | 2015 - 2019

GPA: 3.7/4.0

Open Source & Community

- Active contributor to popular Python packages (FastAPI, SQLAlchemy)
- Maintainer of docker-compose-automation tool (500+ GitHub stars)
- Speaker at PyCon 2023: 'Building Scalable Microservices with Python'
- Regular contributor to AWS CDK documentation