

JOHN ALEXANDER SMITH

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PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience in full-stack web development, cloud technologies, and machine learning. Proven expertise in architecting scalable solutions, leading technical teams, and delivering high-impact projects. Strong background in Python, JavaScript, React, Node.js, Docker, AWS, and Kubernetes. Passionate about DevOps practices and continuous improvement.

TECHNICAL SKILLS

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

Frontend: React, Vue.js, Angular, HTML5, CSS3, Next.js, Tailwind

Backend: Node.js, Django, Flask, FastAPI, Spring Boot, Express.js

Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3, Lambda, RDS), Azure, GCP, CI/CD, Jenkins, GitHub Actions

Data Science: TensorFlow, PyTorch, Machine Learning, Pandas, NumPy, Scikit-learn

Tools & Platforms: Git, Linux, Agile/Scrum, REST APIs, GraphQL, Microservices

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer | TechCorp Inc. | New York, NY | Jan 2020 - Present

- Led development of microservices architecture serving 2M+ users using Docker, Kubernetes, and AWS
- Architected and deployed CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 60%
- Mentored 5+ junior developers and conducted technical interviews
- Developed React-based frontend with 90+ Lighthouse score and TypeScript for type safety
- Implemented machine learning models for recommendation system using TensorFlow and PyTorch

Full Stack Developer | DataSoft Solutions | Boston, MA | Jun 2017 - Dec 2019

- Designed and built REST APIs using Python Django and FastAPI handling 10K+ requests/day
- Containerized applications using Docker and orchestrated with Kubernetes
- Deployed applications on AWS (EC2, S3, RDS) and GCP
- Developed real-time features using WebSockets and Socket.io
- Implemented data pipelines for ETL processes using Pandas and Apache Airflow

Junior Web Developer | StartupXYZ | Remote | Jan 2016 - May 2017

- Built responsive web applications using HTML5, CSS3, and JavaScript
- Contributed to Node.js backend development and API integration
- Performed database optimization queries in PostgreSQL and MongoDB

EDUCATION

Master of Science in Computer Science | University of Technology | Graduation: 2015

- GPA: 3.8/4.0 | Relevant Coursework: Machine Learning, Distributed Systems, Database Design

Bachelor of Science in Information Technology | State University | Graduation: 2013

- GPA: 3.7/4.0 | Dean's List all semesters

CERTIFICATIONS & AWARDS

- AWS Certified Solutions Architect - Professional
- Kubernetes Certified Application Developer (CKAD)
- Google Cloud Professional Cloud Architect
- Employee of the Year - TechCorp Inc. (2021)
- Published 5+ technical articles on Medium (15K+ followers)

KEY PROJECTS

E-Commerce Platform Redesign: Led redesign of legacy monolith to microservices, resulting in 40% improvement in response time and 99.99% uptime. Stack: React, Node.js, Docker, Kubernetes, AWS

Real-time Analytics Dashboard: Built data visualization platform processing 100M+ events/day using Python, Elasticsearch, and React. Achieved sub-second query response times.

ML-powered Chatbot: Developed AI chatbot using NLP, FastAPI, and TensorFlow handling 500K+ conversations. Deployed on AWS Lambda with 99.9% availability.