Alexander Thompson

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Professional Summary

Senior Software Engineer with 8+ years architecting enterprise-scale applications. Expert in full-stack development, cloud infrastructure, and team leadership. Proven track record: 60% performance improvement, 35% cost reduction, 99.95% uptime.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, Go, SQL
Frontend Technologies: React, Next.js, Vue.js, HTML5, CSS3, Tailwind CSS, Redux
Backend & Cloud: Node.js, Express, Django, AWS, Docker, Kubernetes, PostgreSQL, MongoDB
Tools & Practices: Git, CI/CD, Agile/Scrum, TDD, REST APIs, GraphQL, Microservices

Professional Experience

TechCorp Solutions   March 2020 - Present
Senior Software Engineer | San Francisco, CA

- Architected and led development of a cloud-native microservices platform serving 500K+ users, reducing deployment time by 60% and improving system reliability to 99.95% uptime
- Designed and implemented real-time analytics dashboard using React, WebSocket, and Redis, processing 10M+ events daily with sub-100ms latency
- Spearheaded migration from monolithic architecture to Kubernetes-based microservices on AWS, reducing infrastructure costs by 35% while improving scalability

FinanceHub Technologies   August 2016 - February 2020
Full Stack Developer | New York, NY

- Developed secure payment processing system handling $50M+ in monthly transactions using Node.js, PostgreSQL, and Stripe API with zero security incidents
- Built responsive trading dashboard with React and Redux, improving user engagement by 45% and reducing page load time from 3.2s to 0.8s
- Implemented comprehensive test automation suite with Jest and Cypress, achieving 92% code coverage and reducing production bugs by 65%

Projects

Enterprise E-Commerce Platform
Architected scalable e-commerce platform for Fortune 500 client. Increased conversion rate by 32% through ML-based personalized recommendations. Processed $5M+ in monthly transactions.

Real-Time Collaboration Platform
Built collaborative document editing system supporting 100+ concurrent users with sub-50ms latency. Implemented auto-scaling infrastructure on AWS EKS.

Education

Stanford University   September 2015 - June 2017
Master of Science | Stanford, CA | GPA: 3.9

University of California, Berkeley   September 2011 - May 2015
Bachelor of Science | Berkeley, CA | GPA: 3.85

Certifications

- AWS Certified Solutions Architect - Professional (2023)
- Certified Kubernetes Administrator (CKA) - Cloud Native Computing Foundation (2022)

Languages

English - Native (C2) | German - Professional Working Proficiency (C1)