

DAVID CHEN

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PROFESSIONAL SUMMARY

Full Stack Engineer with 6 years of experience designing scalable microservices and real-time web applications. Specialized in Python/Django backends and React frontends. Successfully migrated legacy systems to AWS, reducing infrastructure costs by 40% while improving uptime to 99.99%.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Jan 2021 - Present

Nexus Fintech Solutions

- Architected a high-frequency trading dashboard using React and WebSocket, handling 5,000+ updates per second with <50ms latency.
- Led the migration of a monolithic payment processing system to Kubernetes-based microservices, reducing deployment time by 75%.
- Mentored 4 junior developers and introduced automated code quality checks (SonarQube), reducing production bugs by 30%.

Software Engineer

Jun 2018 - Dec 2020

CloudScale Systems

- Developed RESTful APIs for a SaaS analytics platform serving 50k+ daily active users using Python (FastAPI) and PostgreSQL.
- Optimized database queries and implemented Redis caching, improving API response times from 500ms to 80ms.
- Collaborated with product managers to implement A/B testing frameworks, leading to a 15% increase in user retention.

EDUCATION

B.S. Computer Science

2018

University of California, Berkeley

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, SQL, Go

Frameworks: React, Node.js, Django, FastAPI, Next.js

Infrastructure: AWS (EC2, Lambda, S3), Docker, Kubernetes, Terraform

Tools: Git, CI/CD (Jenkins, GitHub Actions), Jira, Datadog