

Alexandra Chen

Senior Software Engineer

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SUMMARY

Innovative software engineer with 8+ years of experience developing scalable web applications. Proven track record of leading cross-functional teams and delivering high-impact solutions that increased user engagement by 45% and reduced system downtime by 60%.

PROFESSIONAL SKILLS

Technical Skills

- JavaScript/TypeScript
- Python
- React/Vue.js
- Node.js
- AWS/Azure
- Docker/Kubernetes
- PostgreSQL/MongoDB
- Machine Learning

Core Competencies

- Team Leadership
- Agile/Scrum
- Technical Writing
- Mentoring
- Public Speaking
- Problem Solving

PROFESSIONAL EXPERIENCE

Senior Software Engineer

TechFlow Solutions

Jan 2021 - Present

- Architected and implemented scalable API gateway reducing response times by 40%
- Led team of 6 engineers in migrating legacy systems to cloud-native infrastructure
- Implemented automated testing pipelines increasing deployment confidence by 85%

Software Engineer II

DataVision Corp

Mar 2019 - Dec 2020

- Built machine learning pipeline increasing prediction accuracy by 35%
- Optimized database queries reducing processing time from hours to minutes
- Mentored 3 junior developers and established code review best practices

Software Developer
StartupHub Inc
Jun 2016 - Feb 2019

- Developed responsive web application using React and Node.js
- Implemented payment processing system handling \$2M+ monthly transactions
- Created automated deployment system reducing release time by 70%

PROJECTS

OpenSource Analytics Engine
2023

Led development of open-source real-time analytics engine with 2K+ GitHub stars

- Python
- Apache Kafka
- Redis
- Docker

E-commerce Mobile App
2023

Built cross-platform mobile app generating \$500K+ revenue in first year

- React Native
- Firebase
- Stripe API

EDUCATION

Master of Science in Computer Science
Stanford University

Relevant Coursework: Advanced Algorithms, Database Systems, Machine Learning
2016

Bachelor of Science in Software Engineering
UC Berkeley

Relevant Coursework: Advanced Algorithms, Database Systems, Machine Learning
2014

ADDITIONAL INFORMATION

Languages: English (Native), Mandarin (Fluent), Spanish (Conversational)

Certifications: AWS Solutions Architect Professional (2023), Certified Kubernetes Administrator (2022)