

# Alexander Chen

San Francisco, CA, United States

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## Summary

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Full Stack Developer with 5+ years of experience building scalable web applications using React, Node.js, and cloud technologies. Specialized in high-performance SaaS platforms and microservices architectures. Experienced technical lead managing teams of 4-6 engineers while remaining hands-on. Proven impact through performance optimization, CI/CD automation, and system scalability.

## Technical Skills

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**Languages:** JavaScript, TypeScript, HTML5, CSS3

**Frontend:** React, Next.js, Redux, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs, GraphQL

**Databases:** PostgreSQL, MongoDB, Redis, MySQL

**DevOps & Cloud:** AWS, Docker, Kubernetes, CI/CD, Nginx

**Testing:** Jest, Cypress

**Architecture:** Microservices, Real-time Systems

**Tools & Methods:** Git, Agile/Scrum, Prisma, Webpack

## Professional Experience

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### Senior Full Stack Engineer

Sep 2021 – Present

*TechFlow Solutions, San Francisco, CA*

- Architected a microservices-based SaaS platform using Node.js, React, and GraphQL, reducing API response time by 45% and supporting 10,000 requests/second.
- Led a team of 6 engineers delivering real-time collaboration features with Redis and WebSockets, achieving 99.9% uptime and 5,000 concurrent users.
- Designed CI/CD pipelines with Docker and Kubernetes (AWS EKS), reducing deployment time from 2 hours to 18 minutes.
- Increased code coverage from 45% to 92% using Jest and Cypress, reducing production bugs by 67%.
- Optimized PostgreSQL queries and Redis caching, improving dashboard load time by 65%.
- Mentored junior developers through code reviews and pair programming.

### Full Stack Developer

Mar 2020 – Aug 2021

*DataPulse Inc., Mountain View, CA*

- Built REST APIs using Express.js and MongoDB handling 2M+ daily requests with sub-200ms latency.
- Developed React and Redux dashboards, improving engagement by 58% and reducing bounce rate to 12%.
- Implemented JWT and OAuth2 authentication securing 15,000+ enterprise users.
- Created AWS-based data pipelines reducing manual processing time by 85%.
- Integrated third-party APIs (Stripe, SendGrid, Twilio), generating \$200K annual revenue.

### Junior Full Stack Developer

Jun 2019 – Feb 2020

*StartupLabs, Palo Alto, CA*

- Developed RESTful APIs and React interfaces supporting 5,000+ users across multiple applications.
- Built responsive UI components achieving 95+ Lighthouse scores.
- Fixed 50+ bugs and delivered 20+ features while maintaining 98% sprint completion.
- Wrote unit and integration tests maintaining 80% coverage.

**Web Development Intern**  
*CodeCraft Agency, San Jose, CA*

Jan 2019 – May 2019

- Delivered 3 client websites using HTML, CSS, JavaScript, and jQuery within a 12-week internship.
- Assisted with Node.js backend development and MySQL database queries.
- Collaborated with designers to build responsive, pixel-perfect layouts.

## Projects

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**DevCollab – Real-time Code Collaboration Platform**

Open-source platform built with Next.js, Node.js, WebRTC, and PostgreSQL. Achieved 1,200+ GitHub stars and 15,000+ active users.

**CloudDeploy – Automated Deployment Tool**

CLI tool for AWS and Azure deployments using Docker and CI/CD workflows. 5,000+ npm downloads.

**TaskFlow – Project Management SaaS**

MERN-stack application with real-time updates via Socket.io, supporting 500+ concurrent users with Redis caching.

## Education

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**University of California, Berkeley**

Bachelor of Science in Computer Science

Aug 2015 – May 2019

GPA: 3.7/4.0

## Certifications

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AWS Certified Solutions Architect – Associate (2022)

Professional Scrum Master I (2021)

MongoDB Certified Developer Associate (2020)

## Languages

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English (Native), Mandarin Chinese (Fluent), Spanish (Conversational)