

# Kevin Zhang

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## SUMMARY

Detail-oriented software engineer with 5+ years of experience building scalable web applications and cloud-native systems. Passionate about clean code, user experience, and continuous learning in fast-paced environments.

## WORK EXPERIENCE

- Senior Software Engineer** Jan 2021 – Present
- Led the redesign of the core API layer at TechNova Inc., improving system throughput by 35% and reducing error rates by 60%.
  - Architected and deployed a real-time analytics dashboard using React, Node.js, and WebSockets serving 200K+ monthly active users.
  - Championed DevOps culture by implementing CI/CD pipelines with GitHub Actions and infrastructure-as-code using Terraform on AWS.

- Software Engineer** Mar 2019 – Dec 2020
- Developed and maintained microservices for a fintech SaaS platform handling \$10M+ in monthly transactions.
  - Integrated third-party payment gateways (Stripe, PayPal) with robust error handling and audit logging.
  - Collaborated with UX designers to implement responsive front-end components using React and TypeScript.

## PROJECTS

- TaskFlow – Open Source Task Manager** [GitHub](#)  
A full-stack productivity app with real-time sync, role-based permissions, and dark mode. Built with React, Express, and MongoDB. Featured in Dev.to's "Top 10 OSS Projects of 2023".

- CloudCost Optimizer** [Demo](#)  
A tool that analyzes AWS billing data and recommends cost-saving strategies. Uses Python, Pandas, and AWS Cost Explorer API. Reduced client cloud spend by up to 22%.

## EDUCATION

- 2015 – 2019 B.S. in Computer Science, **University of California, Berkeley** (GPA: 3.7/4.0)

## SKILLS

Languages	Python, JavaScript/TypeScript, Java, SQL, Go
Frameworks	React, Node.js, Express, FastAPI, Spring Boot
Cloud & DevOps	AWS (EC2, S3, Lambda, IAM), Docker, Kubernetes, Terraform, GitHub Actions
Databases	PostgreSQL, MongoDB, Redis