

# Jake Smith

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## EDUCATION

### Massachusetts Institute of Technology

*Master of Science in Computer Science*

Cambridge, Massachusetts

*Sep. 2020 – May 2022*

### Stanford University

*Bachelor of Science in Computer Science*

Stanford, California

*Sep. 2016 – May 2020*

### University of California, Berkeley

*Bachelor of Arts in Mathematics*

Berkeley, California

*Sep. 2014 – May 2016*

## EXPERIENCE

### Senior Software Engineer

*Google*

Jun. 2022 – Present

*Mountain View, California*

- Led development of scalable microservices architecture handling 1M+ daily requests
- Implemented CI/CD pipeline reducing deployment time by 40%
- Mentored junior developers and conducted code reviews for team of 5 engineers

### Software Engineer

*Microsoft*

Jun. 2020 – May 2022

*Redmond, Washington*

- Developed and maintained Azure cloud services with 99.99% uptime
- Optimized database queries reducing response time by 30%
- Collaborated with cross-functional teams to deliver features on schedule

## PROJECTS

### AI-Powered Resume Builder | *React, TypeScript, Node.js, Express, MongoDB, OpenAI API* Jan. 2023 – Jun. 2023

- Real-time LaTeX PDF generation with custom templates
- AI-powered content suggestions and grammar checking
- Responsive design with dark/light mode support
- Local storage for draft saving and auto-recovery

### Distributed Task Scheduler | *Go, gRPC, Redis, Docker, Kubernetes*

Jul. 2022 – Dec. 2022

- Implemented distributed consensus using Raft algorithm
- Achieved 99.9% task execution reliability
- Scaled to handle 100K+ concurrent tasks
- Added monitoring and alerting system

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C++

**Frameworks:** React, Node.js, Express, Django, Spring Boot

**Developer Tools:** Git, Docker, Kubernetes, AWS, Azure, CI/CD

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

**Soft Skills:** Leadership, Team Collaboration, Problem Solving, Communication