

# JOHN SMITH

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## WORK EXPERIENCE

<b>Senior Software Engineer</b> TechNova Inc.	Jun 2022 – Present San Francisco, CA
<ul style="list-style-type: none"><li>Led migration from monolithic services to microservices using Kubernetes, improving scalability and deployment time by 60% across engineering environments</li><li>Built and optimized ETL pipelines processing over 1B events per day using Apache Spark and Kafka for real-time data workflows</li><li>Mentored 4 junior engineers, helping them grow into mid-level contributors and leading successful feature rollouts and sprints</li><li>Implemented a new feature flag system that reduced deployment risk and improved feature rollout speed by 30% across teams</li></ul>	
<b>Software Engineer</b> DataScape Labs	Jul 2020 – Jun 2022 Mountain View, CA
<ul style="list-style-type: none"><li>Designed and implemented a real-time analytics dashboard used by over 50 enterprise clients for operational decision making</li><li>Improved system throughput by 40% via caching, indexing, and query optimization in PostgreSQL and Redis infrastructure layers</li><li>Contributed to company-wide engineering best practices for CI/CD, code reviews, and incident response documentation</li><li>Collaborated with product managers and designers to deliver features on time, resulting in a 25% increase in user engagement metrics</li></ul>	
<b>Software Engineering Intern</b> CloudBridge Systems	May 2019 – Aug 2019 Palo Alto, CA
<ul style="list-style-type: none"><li>Developed internal developer tooling to automate integration testing using Docker and GitLab CI pipelines for backend services</li><li>Built microservices in Go and deployed to Google Cloud Run, reducing manual test cycles by 70% and simplifying deployment</li><li>Collaborated with cross-functional teams to gather requirements and deliver features on time across departments</li><li>Participated in daily stand-ups and sprint planning, gaining experience in Agile methodologies and project tracking</li></ul>	
<b>Research Assistant</b> UC Berkeley Computer Science Department	Sep 2018 – May 2020 Berkeley, CA
<ul style="list-style-type: none"><li>Assisted in research on distributed systems and cloud computing, publishing findings in peer-reviewed journals and conferences</li><li>Developed a prototype for a distributed file system using Go, achieving 99.9% fault tolerance in controlled simulations</li><li>Conducted experiments and analyzed performance metrics, contributing to a research paper presented at a major conference</li><li>Collaborated with professors and graduate students on various research projects, enhancing my understanding of theoretical computer science concepts and applications</li></ul>	

## EDUCATION

<b>Harvard University</b> PhD, Computer Science	May 2024 Cambridge, MA
<b>Stanford University</b> Master of Science, Computer Science	May 2022 Stanford, CA
<b>University of California, Berkeley</b> Bachelor of Science, Computer Science	May 2020 Berkeley, CA

## CERTIFICATIONS

<b>AWS Certified Solutions Architect</b>   Amazon Web Services	Jan 2021
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## SKILLS

**Languages:** Python, Go, Java, SQL, JavaScript, TypeScript, Bash  
**Technologies:** React, Node.js, Docker, Kubernetes, PostgreSQL, Redis, AWS, GCP, Terraform  
**Frameworks:** Flask, Express, Spring Boot, Apache Spark  
**DevOps:** CI/CD, Git, Agile, Scrum, Microservices, REST APIs