

John Smith

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Work Experience

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

Education

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

Certifications

AWS Certified Solutions Architect – 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