

JOHN SMITH

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WORK EXPERIENCE

TechNova Inc.

Senior Software Engineer

San Francisco, CA

Jun 2022 – Present

- Led migration from monolithic services to microservices using Kubernetes, improving scalability and deployment time by 60% across engineering environments
- Built and optimized ETL pipelines processing over 1B events per day using Apache Spark and Kafka for real-time data workflows
- Mentored 4 junior engineers, helping them grow into mid-level contributors and leading successful feature rollouts and deliveries
- Implemented a new feature flag system that reduced deployment risk and improved feature rollout speed by 30% across teams

Software Engineer

Jun 2020 – Jun 2022

- Designed and implemented a real-time analytics dashboard used by over 50 enterprise clients for operational decision making
- Improved system throughput by 40% via caching, indexing, and query optimization in PostgreSQL and Redis infrastructure layers
- Contributed to company-wide engineering best practices for CI/CD, code reviews, and incident response documentation
- Collaborated with product managers and designers to deliver features on time, resulting in a 25% increase in user engagement metrics

CloudBridge Systems

Palo Alto, CA

Software Engineering Intern

May 2019 – Aug 2019

- Developed internal developer tooling to automate integration testing using Docker and GitLab CI pipelines for backend services
- Built microservices in Go and deployed to Google Cloud Run, reducing manual test cycles by 70% and simplifying deployment
- Collaborated with cross-functional teams to gather requirements and deliver features on time across departments
- Participated in daily stand-ups and sprint planning, gaining experience in Agile methodologies and project tracking

UC Berkeley Computer Science Department

Berkeley, CA

Research Assistant

Sep 2018 – May 2020

- Assisted in research on distributed systems and cloud computing, publishing findings in peer-reviewed journals and conferences
- Developed a prototype for a distributed file system using Go, achieving 99.9% fault tolerance in controlled simulations
- Conducted experiments and analyzed performance metrics, contributing to a research paper presented at a major conference
- Collaborated 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

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