John Smith

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Work Experience

Senior Software Engineer   Jun 2022 – Present
TechNova Inc.   *San Francisco, CA*
- Led migration from monolithic services to microservices using Kubernetes, improving scalability and deployment time by 60%
- Built and optimized ETL pipelines processing over 1B events per day using Apache Spark and Kafka
- Mentored 4 junior engineers, helping them grow into mid-level contributors and leading successful feature rollouts
- Implemented a new feature flag system that reduced deployment risk and improved feature rollout speed by 30%

Software Engineer   Jul 2020 – Jun 2022
DataScape Labs   *Mountain View, CA*
- Designed and implemented a real-time analytics dashboard used by over 50 enterprise clients
- Improved system throughput by 40% via caching, indexing, and query optimization in PostgreSQL and Redis
- Contributed to company-wide engineering best practices for CI/CD, code reviews, and incident response
- Collaborated with product managers and designers to deliver features on time, resulting in a 25% increase in user engagement

Software Engineering Intern   May 2019 – Aug 2019
CloudBridge Systems   *Palo Alto, CA*
- Developed internal developer tooling to automate integration testing using Docker and GitLab CI
- Built microservices in Go and deployed to Google Cloud Run, reducing manual test cycles by 70%
- Collaborated with cross-functional teams to gather requirements and deliver features on time
- Participated in daily stand-ups and sprint planning, gaining experience in Agile methodologies

Research Assistant   Sep 2018 – May 2020
UC Berkeley Computer Science Department   *Berkeley, CA*
- Assisted in research on distributed systems and cloud computing, publishing findings in peer-reviewed journals
- Developed a prototype for a distributed file system using Go, achieving 99.9% fault tolerance
- 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

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*

Certificates

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