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% 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 sprint deliveries
- Implemented a new feature flag system that reduced deployment risk and improved feature rollout speed by 30% across product teams

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 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

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 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

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 and conference proceedings
- 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 event
- 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