

JOHN SMITH

+1 (415) 123-4567 | Bay Area, CA | johnsmith@example.com
github.com/johnsmith | linkedin.com/in/johnsmith | johnsmith.dev

WORK EXPERIENCE

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| Senior Software Engineer TechNova Inc. | Jun 2022 – Present 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 DataScape Labs | Jul 2020 – Jun 2022 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 CloudBridge Systems | May 2019 – Aug 2019 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 UC Berkeley Computer Science Department | Sep 2018 – May 2020 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

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

CERTIFICATIONS

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| 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