

JOHN DOE

Senior Software Engineer

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San Francisco, CA

WORK EXPERIENCE

Senior Software Engineer *Google, Mountain View* **2021 – Present**

- Developed and deployed microservices architecture handling 10M+ requests daily
- Optimized system performance by 40% through caching and algorithmic improvements
- Led a team of 5 engineers, implemented CI/CD pipelines
- **Technologies:** Python, Go, Kubernetes, PostgreSQL, Redis, Docker

Software Engineer *Facebook, Menlo Park* **2019 – 2021**

- Built backend systems for Facebook's News Feed using C++ and Java
- Contributed to machine learning projects for content ranking algorithms
- Created monitoring and debugging tools for distributed systems
- **Technologies:** C++, Java, Python, TensorFlow, Hive, Protocol Buffers

Software Engineer Intern *Amazon, Seattle* **2018 – 2019**

- Developed AWS Cloud Services module using Java
- Created automated tests, increased code coverage to 90%
- Participated in code reviews and agile development processes
- **Technologies:** Java, Spring Boot, AWS, DynamoDB, Lambda

EDUCATION

Master of Science in Computer Science *Stanford University* **2016 – 2018**

- Specialization: Machine Learning and Data Analysis
- GPA: 3.8/4.0
- Thesis: "Optimization of Ranking Algorithms in Search Systems"

Bachelor of Science in Applied Mathematics *Stanford University* **2012 – 2016**

- GPA: 3.7/4.0
- Senior Project: "Sorting Algorithms and Their Complexity Analysis"

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, Go, C#, JavaScript, TypeScript, SQL
Frameworks & Libraries: Django, Flask, Spring Boot, React, Angular, TensorFlow, PyTorch
Databases: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch
Cloud Platforms: AWS, Google Cloud, Azure, Kubernetes, Docker
Tools: Git, Jenkins, Terraform, Grafana, Prometheus, Jira
Methodologies: Agile, Scrum, TDD, Code Review, Microservices Architecture

KEY PROJECTS

E-commerce Recommendation System *2022 – 2023*

- Developed ML recommendation system that increased conversion by 25%
- Used collaborative filtering and deep learning approaches
- System handles 1M+ users and 10M+ products
- **Technologies:** Python, TensorFlow, Apache Spark, Kafka, Redis

Fintech Microservices Platform *2021 – 2022*

- Built platform for high-load financial transaction processing
- Ensured 99.9% uptime and PCI DSS compliance
- Implemented monitoring and alerting for all critical components
- **Technologies:** Go, gRPC, PostgreSQL, Kafka, Prometheus, Kubernetes

ACHIEVEMENTS

- Received patent for search query optimization algorithm (2023)
- Presented at "Highload++" conference (2022)
- Winner of Google "AI for Good" hackathon (2021)
- Certifications: AWS Solutions Architect, Google Cloud Professional Developer
- Open-source contributions: 500+ commits to popular repositories

LANGUAGES

English: Native
Russian: Advanced (TOEFL 110, experience working in international teams)
Spanish: Basic (A2)