

# JOHN SMITH

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## EXPERIENCE

### Software company 1

Senior Software Engineer

April 2015 - Present

Mountain View, CA

- Developed and maintained scalable back-end services for real-time data processing and analytics, using Node.js, Python, and Kafka, that processes over 1.5 million transactions daily, driving a 15% reduction in data latency
- Designed and implemented efficient data pipelines that processed over 1 million transactions per day, improving data processing speeds by 20%, enabling faster business insights and improving decision-making efficiency
- Led the migration of monolithic services to a microservices architecture, strategically planning and executing the transition with a focus on minimizing downtime and maintaining data integrity
- Implemented CI/CD pipelines using Jenkins AzDo, resulting in a 50% reduction in deployment errors and cutting release times by 35%

### Software company 2

Software Engineer

July 2010 - March 2015

Redmond, WA

- Spearheaded the design and launch of new features for Azure Cloud Services, increasing platform user adoption by 20% and generating \$500K in new revenue annually
- Led cross-functional collaboration between development, networking, and UI teams to reduce system downtime by 15% by implementing proactive monitoring, infrastructure improvements, and automated failover mechanisms, significantly improving user experience
- Optimized application performance by implementing rigorous testing using DataDog and JMeter, leading to improved load times
- Developed a robust disaster recovery and data replication strategy across multiple geographic locations with 99.99% uptime

### Software company 3

Junior Software Engineer

June 2008 - June 2010

San Francisco, CA

- Developed dynamic, responsive web applications using JavaScript, React, and Node.js, focusing on optimizing user experience resulting in reduced load time by 30% and 15% increase in user retention
- Designed, built, and maintained robust database systems using SQL and NoSQL technologies to handle 100,000 users' data, improving database performance
- Collaborated in a startup environment to launch a SaaS product, generating \$200K in revenue in the first six months post-launch
- Implemented advanced security measures protocols, including OAuth and JWT, for authentication and authorization

## EDUCATION

### University of Software

B.S. in Computer Science - Minor in Software Engineering

Overall GPA: 3.8 / 4.0

Graduated May 2014

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Azure 104: Microsoft Azure Administrator
- Cisco Certified Network Associate (CCNA)

## TECHNICAL SKILLS

### Languages

Java, C++, Python, JavaScript

### Frameworks

React, Angular, .NET

### Databases

MySQL, PostgreSQL, MongoDB, SQL, NoSQL

### Tools

Docker, Kubernetes, Jenkins, Git, SVN, Vim, Emacs, Jenkins, Elasticsearch, Logstash, Kibana (ELK Stack)

### Protocols

REST, SOAP, JSON, XML

### Security

GDPR Compliance, Advanced Encryption, Access Control

### Development Practices

Agile Methodologies, CI/CD, TDD