

JOHN SMITH

Senior Software Engineer | AI/ML Specialist

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PROFESSIONAL SUMMARY

Experienced software engineer with 5+ years of expertise in backend development, cloud infrastructure, and AI/ML implementations. Proven track record of scaling applications to handle millions of users and leading cross-functional teams.

TECHNICAL SKILLS

- Programming: Python, Node.js, JavaScript, React
- Databases: PostgreSQL, MongoDB, Redis
- Cloud: AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes
- APIs: REST, GraphQL
- AI/ML: TensorFlow, LLM Integration, RAG Systems

PROFESSIONAL EXPERIENCE

Senior Software Engineer | TechCorp Inc. | 2021 - Present

- Led development of AI-powered recommendation system serving 2M+ daily users, improving engagement by 35%
- Architected microservices infrastructure on AWS, reducing system latency by 40%
- Built RAG-based chatbot using OpenAI GPT-4 and vector databases, achieving 92% user satisfaction
- Mentored 3 junior developers and established code review processes that reduced bugs by 50%

Software Engineer | StartupXYZ | 2019 - 2021

- Developed scalable backend APIs using Node.js and PostgreSQL, supporting 500K+ users
- Implemented real-time data processing pipeline using Apache Kafka and Redis
- Built machine learning models for fraud detection, reducing false positives by 60%
- Collaborated with product team to design new features, increasing user retention by 25%

Junior Software Developer | WebSolutions Ltd. | 2018 - 2019

- Developed responsive web applications using React and Node.js
- Participated in agile development processes and daily standups
- Contributed to open-source projects and learned modern development practices

KEY ACHIEVEMENTS

- Performance: Reduced database query time by 70% through optimization strategies
- Scaling: Successfully scaled application from 10K to 2M+ daily active users
- Cost Optimization: Reduced AWS infrastructure costs by \$15K monthly while improving performance
- Leadership: Led cross-functional team of 8 people to deliver major feature 2 weeks ahead of schedule
- Innovation: Pioneered LLM-based features that became core product differentiator

EDUCATION

Bachelor of Science in Computer Science

University of Technology | 2014 - 2018

Relevant Coursework: Data Structures, Algorithms, Database Systems, Machine Learning

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate (2022)
- Google Cloud Professional Data Engineer (2021)
- MongoDB Certified Developer (2020)

PERSONAL QUALITIES

- Communication: Excellent written and verbal communication skills
- Learning Mindset: Continuously learning new technologies, completed 15+ courses in past year
- Teamwork: Strong collaborative skills in remote and in-person environments
- Problem Solving: Analytical approach to complex problems with creative solutions
- Leadership: Natural leader who enjoys mentoring others and driving technical initiatives