Sarah Chen

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6 years of experience in Python, Machine Learning, and cloud technologies. Proven track record of building scalable ML systems, leading technical teams, and delivering production-ready AI solutions. Passionate about NLP and building intelligent applications.

TECHNICAL SKILLS

Python, Machine Learning, Deep Learning, NLP, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, AWS, Docker, Kubernetes, SQL, PostgreSQL, MongoDB, REST API, FastAPI, Flask, Git, CI/CD, Agile, Linux

WORK EXPERIENCE

Senior Software Engineer - TechCorp Inc (2020 - Present)
- Led development of ML-powered recommendation system serving 100K+ daily users
- Built RAG-based chatbot using LangChain and OpenAI APIs, improving customer satisfaction by 40%
- Managed team of 4 engineers, conducted code reviews and mentored junior developers
- Implemented CI/CD pipelines reducing deployment time by 60%
- Technologies: Python, TensorFlow, AWS, Docker, PostgreSQL

Software Engineer - DataSystems LLC (2018 - 2020)
- Developed data pipelines processing 1M+ records daily using Apache Spark
- Built REST APIs for internal analytics platform using FastAPI
- Implemented automated testing increasing code coverage to 85%
- Technologies: Python, Spark, Redis, MySQL

Junior Developer - StartupXYZ (2017 - 2018)
- Contributed to backend development of e-commerce platform
- Fixed bugs and improved application performance by 30%
- Technologies: Python, Django, PostgreSQL

EDUCATION

Master of Science in Computer Science
Stanford University, CA (2017)
GPA: 3.8/4.0
Thesis: Neural Networks for Natural Language Understanding

Bachelor of Engineering in Computer Science
UC Berkeley, CA (2015)
GPA: 3.7/4.0
Honors: Dean's List, Summa Cum Laude