

Name: XXX

Position: Software Engineer, Machine Learning – Off-Search Sourcing and Relevance

Professional Summary

- 4+ years of full SDLC experience: software development, design, implementation, testing, and operations
- Expert in software development best practices: coding standards, code reviews, and source control management
- Proven ability in system design and architecture for high-concurrency, distributed systems
- Skilled in machine learning: data pipelines, feature engineering, model training, A/B testing, and deployment
- Experienced in DevOps and operations: CI/CD, monitoring, troubleshooting, and production support

Core Skills

- Software Development
- Machine Learning
- Data Pipelines
- Distributed Systems
- System Design
- Programming Languages
- A/B Testing
- Statistics
- Information Retrieval

Professional Experience

Senior Software Engineer | ABC Tech Co., Ltd.

July 2022 – Present, Beijing

- Led end-to-end software development, from architecture design through testing and operations
- Established and enforced coding standards and code review processes, improving code quality by 30%
- Managed Git-based source control workflows with branching strategies and pull request best practices
- Architected a distributed system for low-latency ad serving handling 100M+ QPS with fault tolerance
- Built real-time data pipelines (Kafka → Spark Streaming → HBase) for feature extraction and model inputs
- Developed and deployed ML models in TensorFlow; performed A/B testing to validate improvements
- Oversaw system monitoring and production incident management, ensuring 99.9% uptime

Software Engineer | DEF Information Technology Ltd.

June 2019 – June 2022, Shanghai

- Designed and implemented an offline ETL pipeline processing hundreds of billions of records using Spark
- Automated testing workflows with pytest and Jenkins; reduced manual QA time by 50%
- Participated in system design reviews to improve scalability and reliability
- Collaborated on code reviews and maintained high code quality standards
- Managed production operations and optimized CI/CD pipelines

Selected Projects

Off-Search Ad Relevance Engine

- Role: Lead Architect & Developer
- Tech & Practices: microservices, gRPC, Kafka, TensorFlow, automated testing, Kubernetes
- Impact: 6% uplift in off-search CTR, 8% incremental revenue

Real-Time CTR Prediction Pipeline

- Role: Full-Stack Engineer

- Tech & Practices: real-time streaming, pipeline orchestration, CI/CD, monitoring, A/B testing
- Impact: Maintained <50ms p99 latency with 24/7 stability

Education

Bachelor of Science in Computer Science | Peking University
September 2015 – June 2019

Certifications & Honors

- AWS Certified Solutions Architect – Associate
- TensorFlow Developer Certificate
- Engineer of the Year – ABC Tech Co., Ltd. (2023)

Open Source & Community

- GitHub: <https://github.com/your-username>
- Contributions: Spark plugins, Feature Store reference implementation

Note: Replace “XXX” with a test name.