

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 & SDLC: coding standards, TDD, code reviews, CI/CD pipelines
- Source Control Management: Git, branching strategies, pull request workflows
- Testing & Quality Assurance: unit testing, integration testing, automated test frameworks
- System & Distributed Systems: microservices, gRPC, REST APIs, load balancing, fault tolerance
- Machine Learning & Data Processing: TensorFlow, PyTorch, scikit-learn, Spark, Kafka, ETL
- Data Pipelines: real-time streaming, batch processing, pipeline orchestration
- Operations & DevOps: Docker, Kubernetes, AWS (EC2, S3, EMR), Terraform, Jenkins/GitHub Actions

### 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 production operations
- Established and enforced coding standards and code review processes, improving code quality by 30%
- Managed source control workflows using Git, implemented branching 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 accuracy improvements
- Oversaw system monitoring and operations, ensuring 99.9% uptime and rapid incident response

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 service scalability and reliability
- Collaborated on code reviews, maintaining high code quality and shared ownership among team members
- Managed production operations, responded to incidents, and optimized CI/CD deployment pipelines

### Selected Projects

#### Off-Search Ad Relevance Engine

- Role: Lead Architect & Developer
- Tech & Practices: microservices, gRPC, Kafka, TensorFlow, automated testing, Git workflows, 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.