

Feiyang (Maki) XIE

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Preferred name: Maki; Pronouns: she/her

SKILLS

- **Programming Language:**
 - **Golang**, this one I use the most, in ByteDance, and in my Raft project; at present, it is the language I hope to become an expert at, so I am reading in depth with release notes/libs/goblogs;
 - **Python**, I use python to practice leetcode and for AI-modeling homeworks at school;
 - **Kotlin/Java** server side, used for some business systems in Airwallex/Alibaba;
- **Concurrency/Parallelism:**
 - **Distributed Systems**: Arranger of Workflow(Temporal/Steps), Messaging (Kafka), Cache(Redis), DB (MongoDB/MySQL/PostgreSQL), DevOps (Kubernetes/Helm) ;
 - **Multi-thread Programming**: used patterns of concurrency a lot in my personal project of [making Raft](#);
- **Designs**: microservice architecture, system designs, testing designs for complex systems;
- **Tools**: rpc(gRPC/thrift), Github/Gitlab, Vim/Cursor, ArgoCD/Prometheus/Grafana;
- **Management and Leadership**:
 - team leader and project owner at ByteDance — good at balancing limited resources to push projects forward effectively;
 - project owner at Airwallex/ByteDance — good at managing the project at different levels (roadmapping/jira/scrum sprints); figuring out problems/requirements/solutions when things are ambiguous;

EDUCATION

Ohio State Universtiy (to graduate in Dec2025)

Current Accumulated GPA: 4.0/4.0

Master of Computer Science and Engineering

- *Completed: Distributed System, Operation System, Computer Architecture, Programming Languages, Algorithms and Datastructures, Advanced Algorithms, Machine Learning, Natural Language Processing;*
- *Upcoming: Advanced Computer Architecture (GPU), Parallel Computing, Network, Advanced Databases, Compiler, Computer Vision, etc;*

Sun Yat-sen University

GPA: 88/100

Bachelor of Economics

FULL-TIME WORK EXPERIENCE (8 years)

Airwallex

Shanghai, China

Staff Backend Software Engineer

Mar.2024 – July.2024

Senior Backend Software Engineer

Apr.2022 – Feb.2024

- Develop, review and maintain Temporal-based microservices;
- Self-hosting OpenSourcing Temporal in the CN-AliCloud datacenter within Airwallex on top of Airwallex infrastructure; Testing project and skillset for Temporal cluster;
- Design and developed Kotlin-Kafka-SDK for our data migration project between datacenters;

Related Skills: Kafka/Temporal/Postgres, Golang/Kotlin, Kubernetes/Helm Chart on GCP with IaC, Testing Skills

ByteDance

Shanghai, China

Senior Backend Software Engineer

Apr.2020 – Nov.2021

- Workflow Engine: built a configuration-based workflow engine leveraging the DSL defined by Amazon Steps for the department;
- Led a team of 8 to design and create an *e-commerce platform* from scratch with the order, commodity, finance and promotion subsystems to support the selling of online classes.

Related Skills: typical workflow platform, mongoDB/sharded-mysql-cluster, e-commerce micro-service platforms, Golang, ByteDanceCloud

Eleme (Alibaba Group)

Software Engineer level-3/2

Shanghai, China

May.2017 – Dec.2019

- Responsible for the marketing and promotion systems of the e-commerce platform

Related Skills: e-commerce micro-service platforms, sharded-mysql-cluster, python/java