

Zimeng Ma

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SKILLS

PROGRAMMING LANGUAGES	Java, Ruby, Javascript, SQL
LIBRARIES AND FRAMEWORKS	Spring Framework, Grape, Activerecord, Rspec
DATABASES	Postgresql, Mysql, Redis, Oracle Database, Elasticsearch
OPERATING SYSTEMS	Debian, CentOS
INFRASTRUCTURE	Docker, Kubernetes

EXPERIENCE

UNICC | SENIOR SOFTWARE ENGINEER

Beijing, China | Dec 2016 – Present

- Responsible for designing, developing, testing backend services for various projects.
- Create CI pipeline and deployment scripts.
- Set up and maintained Kubernetes cluster.

CICC | SENIOR SOFTWARE ENGINEER

Beijing, China | Oct 2014 – Dec 2016

- Worked as a full stack software engineer.
- Developed a risk management module and a mark to market module.
- Set up and maintained CI pipeline.

PCITC | SOFTWARE ENGINEER

Beijing, China | Mar 2010 – Oct 2014

- Developed and maintained an e-commerce system.

EDUCATION

UNIVERSITY OF EAST ANGLIA | MSc ADVANCED COMPUTING SCIENCE

UK | 2008 - 2010

UNIVERSITY OF PORTSMOUTH | BSc SOFTWARE ENGINEERING

UK | 2004 - 2008

PROJECTS

PRIVATE EQUITY SYSTEM | JAVA, SPRING FRAMEWORK, POSTGRESQL

A system features enterprise management, fund management, investor management and vendor management.

USER CENTER | RUBY, PUMA, ACTIVERECORD, POSTGRESQL, ELASTICSEARCH

A system centralizes user information collected from external systems.

CREDIT SYSTEM | RUBY, PUMA, ACTIVERECORD, POSTGRESQL

A web based system managing enterprise credits.

IDENTITY SERVICE | RUBY, PUMA, ACTIVERECORD, POSTGRESQL, REDIS

A REST API to verify a person's identity.

SMS PROXY | RUBY, PUMA, ACTIVERECORD, POSTGRESQL

An SMS API backed by multiple SMS providers.

P2P LIFE INSURANCE APP | RUBY, GOLIATH, ACTIVERECORD, POSTGRESQL

An app for crowd funded life insurance.

CONTINUOUS INTEGRATION PLATFORM | JENKINS PIPELINE

An app for crowd funded life insurance.

KUBERNETES CLUSTER

An Kubernetes cluster to support development of other projects.

ACCESS APP | JAVA, MINA

A routing framework, despite the confusing name, with extendable business logic, developed to support communication between subsystems in IMS.

INVESTMENT MANAGEMENT SYSTEM | JAVA, MINA, SPRING FRAMEWORK, PROTOCOL BUFFERS, ORACLE DATABASE

A large scale project consists of multiple subsystems including risk management, trading, algorithm ordering, monitoring, etc.

OVER-THE-COUNTER DERIVATIVE TRADING SYSTEM | JAVA, SPRING FRAMEWORK, ORACLE DATABASE

An evolved version of previous DTS rewritten in Java with more features including risk management, sending trade instructions, etc

DERIVATIVE TRADING SYSTEM | C#, NHIBERNATE, MYSQL

A web based system for traders, featuring client account management, client reports, trade booking and mark to market, etc