ZHIYUAN MA

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EXPERIENCE

Salesforce   06/2022 – 09/2022
Software Engineer Intern   *San Francisco*
- Built **Java RESTful** service with **JavaScript** as a framework to connect third-party component with Salesforce
- Ramped up quickly to deliver prototype in two weeks, participated in code review under **Git** workflow
- Integrated **OAuth** protocol with Salesforce platform to provide authentication solution
- Published **Salesforce Package** on Salesforce App Exchange and created onboarding doc for the solution
- Achieved **100% test coverage** by Mocking HTTP response in Salesforce Apex Framework
- Carried out **Cross-Team Collaboration** to investigate issue and unblock projects

Morgan Stanley   06/2020 – 09/2020
Software Engineer Intern   *Shanghai*
- Delivered **Jenkins** pipelines on public cloud platforms including **AWS** and **Azure**, more than 20 teams adopted pipelines in production environment
- Integrated pipelines with **Kubernetes** platforms for deploying Docker images in testing environment and production environment
- Boosted the **Docker** image building process for products for different tech stacks including **React** and **Spring Boot**, reducing image size and time consumption to 50 percent
- Stabilized the **Docker** building stage with customized base image to raise the Success Rate to nearly 100 percent in terms of network failure
- Incorporated with various external components and legacy systems including **Network Gateway** and **Docker Registry**
- Obsessed with customers by providing weekly meetings to receive feedback and provide specific solutions for **HTTPS** and **CORS**

CaseCloud   09/2019 – 06/2021
Tech Lead & Co-Founder   *Shanghai*
- Built an online platform that empower bankruptcy dealing process with **Cloud Computing**
- Took ownership to figure out business model with lawyers, improved prototype, and launched products to public
- Followed **Scrum** and **Agile** software development practices to deliver **Grayscale** release with **Istio** service mesh
- Delivered the Claim Service with **Java**, **Spring Boot** and **MongoDB** to manage lifecycle of claims, with more than 200 operations and more than ten different user roles
- Optimized the **MongoDB Query** with paging to reduce time consumption from 3000 milliseconds to 300 milliseconds
- Designed and implemented the logging system with **Elastic Search**, **Fluentd**, and **Kibana** to retrieve error logs and solve on-call requests quickly
- Refactored data in **MongoDB** with **SQL** to reflect latest changes in business logic and ensure consistency
- Constructed infrastructure with **Kubernetes** and **Prometheus** monitoring system to deal with increasing workload
- Reviewed over 200 pull requests on **BitBucket** and built linter on **Drone CI** to enforce coding standards automatically

EDUCATION

University of California, Irvine   Irvine
Master, Computer Science, 4.0/4.0   *09/2021 – 12/2022*

Shanghai Jiao Tong University   Shanghai
Bachelor, Computer Science, 3.5/4.0   *09/2017 – 06/2021*

SKILLS

Languages: **Java**, C++ , PHP, Python, JavaScript, Lua, Go, React, Bash, Android
Frameworks: **Spring Boot**, **Spring Cloud**, **Kubernetes**, **MongoDB**, **MySQL**, JUnit, Maven, Jenkins, Tomcat
Developer Tools: **IntelliJ**, **Git**, **Docker**, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse, Amazon Web Service