GUANCHEN ZHAO

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EDUCATION

University of Washington   WA, USA
Master of Science, Computer Science and Systems   *Sep. 2020 – Mar. 2022*

University of Science and Technology Beijing   Beijing, China
Bachelor of Engineering, Computer Science and Technology   *Sep. 2014 – Jul. 2018*

TECHNICAL SKILLS

Programming Languages: Java, SQL, HTML, C, Go, Python, Markdown

Backend Service: Spring Boot, MySQL, MyBatis, Redis, Kafka, Apache Dubbo, Spring Cloud, Elasticsearch

Deployment: AWS(EC2, Beanstalk, RDS, S3, Lambda), GCP(App Engine), Alibaba Cloud, Kubernetes, Docker, CI/CD(Jenkins, Maven)

Tools: Git, Postman, Nacos

EXPERIENCE

Yuanbao Group   Dec. 2019 – Aug. 2021
Senior Software Engineer   *Beijing, China*
- Led a team consisting of 3 engineers to implement from scratch and successfully launch the firm's first Customer Service System – CSS, which provides customers with product consultation and complaint handling services through hotline, WeChat and AI assistants.
- Designed architecture of on top of Golang backend services, using MySQL and Redis as high-performance database, Using gitlab, Jenkins, maven as CI/CD pipeline. Using ACK (Alibaba Cloud Container Service for Kubernetes) as deployment environment for scalibility.
- The system is capable of guaranteeing 500 customer service agents to handle business online, with a daily customer reception of over 15k.

Bitauto Holdings Limited   Jul. 2018 – Nov. 2019
Software Engineer   *Beijing, China*
- Participated in the development of Data Quality System, which monitors data changes in the data warehouse in multiple dimensions according to preset rules, and pushes alerts to relevant groups.
- Used Spring Boot and Spring Cloud as MicroService Framework.
- Data monitoring coverage has increased to 73%, alert accuracy is 95%, and notification reach rate is 100%.
- Participated in the secondary development and maintenance of the big data platform based on CDH. Mainly responsible for Oozie and HUE.

PROJECTS 🔗

Inventory Management System 🔗 | *Backend*   Nov. 2021 – Jan. 2022
- The main functions of the IMS include museum collection management, visitor browsing and subscription, and tour booking. It also has email and SMS notification functions.
- Using Redis for Token validation, Using RDS as the database, AWS Email Service and Twillo as email and sms send.
- Deployed the project AWS Beanstalk and GCP APP Engine.Redis is installed AWS EC2.