

# SU Zhenxing

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**4.5 years' experience** in software engineering, including **2.5 years' experience** in AWS cloud development/ SRE.

Masters' in Computer Science, looking for opportunities in cloud development/ maintenance/ devops.

## WORK EXPERIENCES

### Standard Chartered

Guangzhou

Cloud Engineer / Cloud SRE

Jun. 2022 – now (28 months)

- In charge of BAU task for cloud (Cloud operations, cloud development), improve system security and stability, deploy tools for reducing manually operations.
- Setup a monitoring tool for internal service accounts password expire notification. Generate data with all accounts in queue which will expire soon and already expired, trigger a ticket to inform SRE members to reset the password in time. Monitor the accounts lifecycle and ensure availability of accounts (**Using Confluence, Jira, Python, AWS, Terraform**).
- Set up a monitoring tool for internal cloud reports in AWS. Give a notification when the report is missing. Improve reports stability (**Using Terraform, Python, PostgreSQL, Jenkins**).
- Create a tool for AWS RI purchase automation. Support different types of reserved instances including RDS, EC2 and OpenSearch for bulk purchasing. Reduce manual operations and save time (**Using Python, Rundeck**).
- Analyse AWS Security Hub tickets. Review the custom detector and AWS recommended security hub alerts, check the module code and rules to analyse if the non-compliant alerts should be excluded or fixed.
- **Get certificates: AWS Certified Solution Architect Professional 2024, AWS Solutions Architect Associate 2023**

### E Cloud Technology, China Telecom

Guangzhou

Back-end Development Engineer

Jul.2020 – May.2022 (23 months)

- In charge of edge-cloud computing infrastructure development including establishing, managing and optimizing virtual machines. Complete work of cloud-edge consistency, resource optimization, and service refactoring. (**Using Golang, Kubernetes, Git**)
- In charge of billing support. Liberate cloud-edge dependence on billing information collection and realize abnormal billing ticket detection and repair, achieving 99% accuracy on a scale of 10 million daily billing data. (**Using Golang, MySQL, Prometheus**)
- Work as configuration administrator to manage Apollo configurations of more than 20 microservices in 5 different environments.

## EDUCATION

### Wuhan University

Wuhan

Master of Computer Science

Sep.2018-Jun.2020

- Modules: Software Engineering, Big Data Analysis, Web Development, Cloud Computing
- Rewards: Outstanding Student Scholarship, Outstanding Graduate

### Wuhan University

Wuhan

Bachelor of Computer Science

Sep.2014-Jun.2018

- Modules: Advanced Mathematics, Database Management, Data Structures and Algorithms
- Rewards: GPA Top 10%, English (CET-6: 559), National Encouragement Scholarship
- Qualification: Software Designer (Computer Technology and Software Professional Technical Qualification)

## PERSONAL SKILLS & INTEREST

- Programming: Terraform, Python, SQL, Golang, Java
- Tool and Technology: AWS, Jira, Confluence, Jenkins, Git, Scrum
- Interest: cycling, badminton, traveling and piano