

Tao, Qi

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Shanghai, China

A software engineer with years of experiences on software development, automation testing and team leading. Quick learner, careful and attention to details, thinking from users' perspective, enjoy learning new technology.

**Senior Software Engineer Morgan Stanley Management Service 11/2018 – 05/2023**

Project description: We used angular as our frontend javascript frame to build the UI, and java spring to build our backend service. We build a firewall rule management platform for the internal users. Our platform ingested data from various places including dump files, messages from Kafka, etc. It will interact with 3rd party platform and make the firewall rule management on the real firewall devices seamlessly.

- 1) Responsible to implement the assigned backend and frontend requirements and always complete the assignments at the earliest and with high qualities.
- 2) Reviewed the PR and provided feedback to colleagues for any protectional bug or enhancement.
- 3) Additional responsibility for all the UI and backend automation testing.
- 4) Actively helped operation teams and users for their question and always give detailed instructions.
- 5) Presented the "Deep dive into the UI automation testing" in the firm's DevOps activities.
- 6) Setup the monitoring and alert tools Prometheus and Grafana and helped the team to monitor the api status as well as system status.
- 7) Participated and adopted Agile related event like scrum meeting/retrospection/planing.

**Team Lead Jiangsu Cheetah Network Technology 04/2015 – 11/2018**

- 1) Worked as a team lead within a team of 5 members.
- 2) Daily discussion with the oversea client on the requirements understanding and explain the details to the team.
- 3) Implement the features required by the clients.
- 4) Guide the teammates and lead the team to accomplish each project on time.
- 5) Responsible for hiring and interviewing new employees.

**Senior Verification Engineer GE Health Care co., Ltd 04/2013 – 02/2015**

**Senior Verification Engineer Philips Health Care co., Ltd 03/2012 – 04/2013**

With similar work experiences in these two companies

- 1) Worked as a team leader of a testing team with 15 members on the medicare devices
- 2) Responsible for the system level testing and software level testing.
- 3) Worked on the most challenge part - System testing and found most number of bugs.

- 4) Introduced and setup the automated random testing on the product UI level to simulate random input from users and found a number of bugs in edge cases.
- 5) Attended defect review meeting and join team to analyze defect impacts to test deliverables.
- 6) Conduct testing with the auditor from TUV and SFDA.

**Senior Software Engineer Dextrys co., Ltd 11/2009 – 03/2012**

**Software Engineer Infosys co., Ltd 09/2008 – 11/2009**

With similar work experiences in these two companies

- 1) Worked as a team lead within a small group on a mainframe project.
- 2) Communicated with onsite to understand the requirement clearly and explain the details to the teams.
- 3) Prepare the application design and component design documents and implement them.
- 4) Prepared unit test plan, test scripts and unit test case and delivered the features with least numbers of bugs.
- 5) Provided project domain and mainframe training to new employee.

**Education Background:**

09/2004 to 06/2008, Bachelor of engineering, Computer Science and Technology

JiangSu Normal University

**Skills:**

Java, Springboot, Python, Flask, UI automation testing, Selenium, Javascript, ReactJS, Jenkins, Git, Prometheus, JIRA, Scrum, Japanese.

**Personal Project for interest:**

An automatic futures trading web application.

I used react-eCharts to build the UI and use web socket to connect the backend which implement by python web frame fast-app. The backend service will connect the account from real futures agent.

People now can trade futures on web seamlessly instead of downloading any desktop application. People now can write and backtest their own trade strategies and trade the futures automatically. Any ask or bid prices will be reflected on the UI for easy reference.

<https://github.com/neother/wsapp>