**Xingjian Wu**

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New York City, New York



Formulate objective. Example: Career, Studies, Industry, Company type, Specific company, Role

**PROFILE SUMMARY**

* Point 1 - Experience, current status, main expertise
* Point 2 - Programming languages, technology stack, understanding of software engineering
* Point 3 - Problem solving skills
* Point 4 - Project management experience (if applicable)
* Point 5 - Learning abilities, self development
* Point 6 - International experience, languages skills

**EDUCATION**

**Stevens Institute of Technology**Hoboken, New Jersey

Master of Computer Science Jan 2022 – Dec 2023

**Southern University of Science and Technology (SUSTech)** Shenzhen, China

Bachelor of Computer Science Sep 2016 – Jun 2020

**SKILLS**

**Languages:** Java, PHP, JavaScript, Python, Shell, SQL, HTML, CSS

**Tools:** Maven, Git, Docker, Jenkins, Crontab, Swagger

**Frameworks:** Spring Boot, Vue.js, Docker, React, Node.js, Express, Hadoop, AWS, jQuery, Bootstrap, Linux,

Apache Shiro, Spring MVC, Hibernate, MyBatis, Spring Security, Junit

**Software:** Nginx, Redis, Kafka, RabbitMQ, WebSocket, Elasticsearch, MongoDB, MySQL

**WORK EXPERIENCE**

**Shenzhen Sailvan Network Technology Co., Ltd.** Shenzhen, China

Software Engineer May 2021 – Feb 2022

[Company description] [Role description]

* **Bullet point 1 [Software Development Lifecycle & Main mission]** Talk about your overall mission and provide a general description of your involvement during the software development lifecycle.
* **Bullet point 2 [Cross-functional collaboration and/or clients]** Describe your engagement with stakeholders (specify teams) and specify the nature of your interactions.
* **Bullet point 3 [Requirements gathering]** - Talk about the requirements gathering phase and your process/behavior/actions to ensure these are clear.
* **Bullet point 4 [Design]** - Provide details on the design phase and describe how you land on a specific design.
* **Bullet point 5 [Implementation - CLEAR !]** - Utilized Database Sharding with Apache ShardingSphere on the tables with billions of rows
* Logged with AOP and stored in Elasticsearch and supported searching logs by querying multiple indices
* Optimized large MySQL Database by adding cover indices and redundant fields to improve performance
* Wrote Maven build script for a multi-module Spring Boot project for loosely decouple
* Generated millions of test data using SQL Stored Procedure to optimize queries performance with multiple tables
* Refactored exporting data utils class codebase and performed Junit tests integrated with Spring Boot
* Developed an alarm bot using WeChat group SDK to monitor healthy metrics of servers by their heartbeat
* **Bullet point 6 [Testing & Maintenance]** - Give details on performing and documenting testing, and on monitoring for performance. Talk about improvements if/when applicable.
* **Bullet point 7 [Presenting & Reporting]** - If your job involves any reporting or presenting (especially in front of non-technical audiences, it is worth mentioning here. Any public speaking experience is also good to add.
* **Bullet point 8 [Team play]** - Any team related information (how you collaborate with and support others) or leadership related (management, recruitment, training) go here.
* **Bullet point 9 [Self-development & learning]** - Talk about how you learn new technologies and stay on top of trends.

Achievements:

* *Optimized large offset queries in SQL pagination by 95% through editing querying clause*
* *Achievement 2 - describe problem/task, solution/action, result/impact (use data/evidence)*

**SELECTIVE PROJECTS**

**Uber Eat liked Food Order System**

[Context]

* [Problem Solving]
* Added full-text search for Chinese descriptions utilizing **Elasticsearch** and optimized Chinese Words Segmentation.
* Implemented token-based Authentication with **Spring Security** and **JWT**
* Setup a **Jenkins** Build Server on **AWS EC2** instance
* Incorporated **WebSocket** and **RabbitMQ** middleware for High Availability real-time notification
* Utilized **Hibernate** as ORM framework and Cache-Aside pattern to keep consistency between **MySQL** and **Redis**
* Integrated **Swagger** to inspect API request-responses
* [Learnings / Impact]

**Virtual items marketplace monitoring and notification System**

[Context]

* [Problem Solving]
* Applied **Selenium** to Simulate Manual Actions to scrape virtual items from marketplace websites
* Used **Crontab** and **Shell** script to execute the scraping and cleaning up outdated data
* Designed dashboard web application to edit wish lists with **Bootstrap** and **Express.js**
* Built and deployed **Docker Compose** to Alibaba Cloud Elastic Compute Service
* Reused existing browser session in **Selenium** to save page loading time
* [Learnings / Impact]

**Tickets Booking System**

[Context]

* [Problem Solving]
* Integrating **Apache Shiro** to implement authentication and authorization between different roles
* Implemented RESTful API in **Spring MVC** architecture and designed Database structure using **MongoDB**
* Customized and developed reusable Vue components in the **Vue.js** framework to construct web pages
* [Learnings / Impact]