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<https://www.youtube.com/@frankfan5839> | June 1994 | Male | Shanghai |

Test Engineer

Global Team Recommendation Letter:

<https://www.linkedin.com/in/Frank-1302b62aa/>

Education and Training

- **Shanghai University of Electric Power** - Bachelor's Degree
 - September 2013 - June 2017
- **University of Leeds (Coursera Platform Certified)**
 - "Cypress UI automation testing for absolute beginners" - January 2024
 - "Foundations of Software Testing and Validation" - January 2024
 - Certificates available for download at <https://www.resumefrank.com/>

My Personal Projects

Here are some of my personal projects hosted on GitHub

Cypress UI automation

<https://github.com/zf64811/Kong-cypress>

Behave Request API automation

<https://github.com/zf64811/behaveAPI>

Personal Strengths

1. **Proficient in Cypress + JavaScript + Cucumber + Mocha + Chai testing stack**, capable of independently building UI automation frameworks and maintaining regression testing.
2. **Experienced in writing UI and API automation scripts using Python + Behave + Requests & Selenium**, with strong skills in script structure optimization and continuous integration. Code hosted on Bitbucket.
3. **Familiar with GitHub Actions**, with hands-on experience configuring and implementing CI/CD pipelines in real-world projects.

Example: Displaying test reports via GitHub Pages -

<https://zf64811.github.io/Kong-cypress/>

4. **Skilled in commonly used testing tools and platforms** such as Jira, Git, Postman, Swagger UI, Charles, Kafka, Oracle, and OpenShift, improving testing efficiency and issue diagnosis capability.
5. **Knowledgeable in RESTful API standards and testing procedures**, capable of designing and executing API performance tests using K6 + JavaScript.

Example: [K6 script example](#)

6. **Strong English communication skills in listening, speaking, reading, and writing**, able to use English as a working language and collaborate effectively with overseas development and QA teams.
7. **Deep understanding of Agile development practices**, with experience in multiple Agile projects. Familiar with Sprint Planning, Daily Standups, Refinement, and Retrospectives. Skilled in reproducing issues through logs, databases, and backend APIs to support efficient debugging.
8. **Rich project experience with high automation coverage**, actively involved in framework selection and implementation. Played a key role in supporting large-scale project delivery and continuous integration goals.
9. **Personal Interests:**

1. YouTube and Bilibili video creator: Playwright automation testing and JavaScript basic tutorials.
2. YouTube: www.youtube.com/@frankfan5839
3. Bilibili.: <https://space.bilibili.com/4064444>

Work Experience:

(Outsourced to Citi Financial) - Shanghai HuaQing Information Technology Co., Ltd.

- Automation Testing *June 2023 - June 2025*

Project1: Issuance D7 product - Clearstream

Project1 Description: This system interfaces with Clear stream, a global securities settlement provider. It generates standard-compliant XML files and sends them to Clear stream, covering full lifecycle operations including Issuance, Increase, Markup/Markdown, and Redemption.

Responsibilities:

- Analyzed requirements and designed comprehensive test cases
- Created **UI and API regression scripts** using **Behave + Selenium + Python**
- Used **Bitbucket** for source code management and **Jira** for bug tracking
- Executed tests based on various user roles and workflows
- Used **LightSpeed** for deployment tracking and **OpenShift** for log review and bug verification

Project2: Instrument Auto Creation

Project2 Description: This system automatically converts skeleton instruments generated from Trade data into complete instruments via **Polling Service**. It involves date field calculations (e.g., **Record Date, Due Date, Value Date, Rate Fix Date**) and **coupon & interest computation**.

Responsibilities:

- Performed functional, API, and DB testing to verify financial data calculations
- Developed automation scripts using **Behave + Selenium + Python**
- Investigated backend issues via **OpenShift logs** to support troubleshooting
- Participated in Agile process with **3-week sprints** and **monthly releases**; involved in **Story Point estimation** and **Refinement Meetings**

Chinasoft International Ltd.

- Automation Testing *April 2023 - April 2023*

I received a longer-term opportunity that was more in line with my career direction, so after weighing the pros and cons, I chose to adjust.

(Outsourced to Citi Financial)- Optimum Solutions Shanghai Co., Ltd.

- Automation Testing *July 2022 - March 2023*

Project: COMPS System

- **Project Description:** Company loan information recording system.
 1. Deal-Search page: Query deals based on various conditions, select deals to export as PPT or Excel.
 2. Deal-Details page: Insert, Update, Comment Deal.
 3. Deal-Request page: Add, Delete Deal request.

Responsibilities:

- Developed and maintained UI automation scripts using **JavaScript + Cypress + Cucumber**
- Designed reusable and modular test frameworks to support long-term automation scalability
- Collaborated with developers to continuously optimize test logic and improve execution speed

Achievements:

- Achieved **80%+ test automation coverage**, greatly improving regression efficiency
- Completed **400+ regression test cases**, covering key business workflows
- Improved test visibility by integrating **Cucumber reports** into the test pipeline

Shanghai Yuantao Information Technology Service Co., Ltd.
(Outsourced to IM Motors) - Automation Testing *September 2021 - July 2022*

Project: IM Motors App - Event Services

Position: QA Engineer

Project Overview:

The project focused on the "Event Services" module within the IM Motors App, supporting both mobile App and mini-program platforms. There were two primary user roles: vehicle owners and enterprise users. Enterprise users could create and manage events through the web platform, while car owners viewed and participated via the mobile App.

Responsibilities:

- Reviewed and analyzed requirement documentation to ensure comprehensive understanding of functional flows.
 - Developed and maintained mobile UI automation scripts using **Python + Appium + WebDriverIO**.
 - Implemented API automation using **Python + Requests**, covering core service endpoints.
 - Scheduled and executed automated regression test cycles; generated and shared structured test reports.
 - Logged and tracked bugs using **Alibaba Cloud (Yunxiao)** project management platform.
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Shanghai Zendai Aite Financial Information Services Co., Ltd.

QA Engineer

March 2020 - November 2020

Shanghai Yixun Internet Financial Information Services Co., Ltd.

QA Engineer

June 2018 - January 2020

Beijing Zhongbo Chengtong International Technical Training Co., Ltd.

QA Engineer

July 2017 - March 2018