

Frank Fan 13761468757 | monkey.d.fzy@gmail.com | Shanghai
[linkedin.com/in/之字-范-1302b62aa/](https://www.linkedin.com/in/之字-范-1302b62aa/) |
<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
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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
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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