

PIAOPIAO FENG

Software Developer | Tel: +44 07765724329 | [Personal Website](#) | piaozai88@gmail.com

SKILLS

- **SkillSet:** Java, Python, C/C++, MySQL, Kafka, ReactJS, HTML, CSS, JavaScript

WORK EXPERIENCE

Goldman Sachs

London

Listed Clearing (Post Trade Processing) | Software Developer

August 2022 - Present

- **Nova:** The project focuses on rebuilding post-trade processing system with **Event-driven Architecture**.
 - * Analyzing existing systems from both business and technical angles, proposing new designs, and discussing ideas within the team. Implementation and testing are initiated upon approval of the proposed solutions.
 - * Leveraging isolated analysis capabilities and effective communication with experts/users to gain a comprehensive understanding of the systems' intricacies.
 - * Focusing on resolving pain points caused by the addition of features over time, ensuring optimal performance for the entire system.
- **Scrum Master Role:** Facilitating and supporting the Scrum process and the Agile development framework to enable and empower the future client tech team to work efficiently and effectively to deliver high-quality products.

Goldman Sachs

Singapore

Listed Clearing (Post Trade Processing) | Software Developer

May 2019 - July 2022

- **MOS Flow Automation:** Led an ambitious project focused on streamlining a manual user flow by implementing automation. Our existing platforms posed limitations in handling the Mutual Offset System (MOS), necessitating extensive manual efforts. By introducing automation, we significantly enhanced platform capabilities, resulting in improved user efficiency and time savings of up to one hour per day (up to 3 hours with high volume).
 - * Collaborated closely with end-users to gain profound insights into the intricate business logic underpinning the MOS flow, effectively capturing and documenting their requirements.
 - * Analyzed the logic through real-world scenarios, adopting a technical approach to devise an automated flow that accurately replicated the manual process.
 - * Conducted comprehensive regression testing to ensure seamless integration without disrupting existing business logic. Worked in close partnership with exchanges (SGX & CME) to successfully complete UAT testing, validating the effectiveness of the automated flow.
- **Cheetah Strategy Project:** Successfully spearheaded the transition of our system, Cheetah, from the outdated CSF (Conductor Software Factory) to the cutting-edge strategy CI/CD platform, GitLab, as part of the company's uplift program. The project aimed to address developers' pain points during development, such as increased maintenance efforts, build failures due to others' changes, and lengthy build times for minor code modifications.
 - * Streamlined the system by eliminating legacy dependencies and upgrading to the latest versions.
 - * Bolstered the Regression Suite, meticulously conducting regression testing for 47 processes across 30+ markets.
 - * Overhauled critical components by rewriting several Gradle plugins, upgrading Gradle to version 6, and executing a seamless migration from CSF to GitLab.
 - * Implemented strategic refactoring of Cheetah, resulting in the creation of shared libraries and smaller services, significantly enhancing ease of maintenance and the overall management of SDLC.
- **Project Management:** Oversighted/Guided several projects as SME.
 - * Supervised the Etlhub migration to GitLab and seamlessly took charge midway through the project during an unexpected resource shortage.
 - * Provided expert guidance for the Credential Vault upgrade for the Connectivity team, effectively mitigating credential exposure risks.
 - * Oversaw the testing process while managing HKEX's request to upgrade the host from RHEL6 to RHEL7, ensuring a smooth and successful transition.

EDUCATION

National University of Singapore

Singapore

Master of Science in Computer Science (by research)

Aug 2016 - Feb 2019

Beihang University

Beijing, China

Bachelor of Science in Computer Science & Engineering

Sep 2012 - Jun 2016

OUTSIDE WORK

GS Asia Pacific Women Engineering

2020 - 2022

Outreach Pillar

- **Online Python Lessons for women w/o coding experience:** Successfully delivered valuable instruction on comprehensive Python lessons catered to women without coding experience through virtual platforms. Through these efforts, empowered women to embrace coding and attain foundational skills in Python programming, paving the way for future opportunities in the tech industry.