Xia Jie Li

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PROFILE

Methodical software developer with expertise in HTML, CSS, and JavaScript, currently expanding my skills in React to build dynamic web applications. I am a collaborative team player who thrives on tackling new challenges by pursuing innovative ways to solve them. Currently seeking an opportunity to deepen my knowledge of software development and contribute to building impactful web applications.

SKILLS

Programming Languages	**Other Languages and Frameworks**	**Development Tools**
TypeScript	Python	SQL	React	Tailwind	Pandas	Express	Prisma	Git	Jest	Agile	Linux	Adobe Experience Manager	Confluence	Vite

PROFESSIONAL EXPERIENCE

Associate Developer, *IG Group* 🔗   Aug 2022 – May 2024 / London, UK
- Managed and optimised the company website using Adobe Experience Manager and resolved bugs and issues from content editors, which resulted in a 100% increase in user satisfaction.
- Developed JavaScript functions for DOM manipulation to deliver project functionalities and improve site performance by 40%.
- Supported clean code with Jest unit tests to achieve 80% code coverage.
- Enhanced personalised website components via TypeScript React which resulted in a 60% decrease for website load time.
- Assisted in the development of a new API via Express to serve account data to developers.
- Supported fortnightly website deployments by following a strict release process, mitigating risks on feature development across all testing environments.
- Participated in bi-monthly Scrum ceremonies using JIRA to track progress and identify areas of improvement, for better team alignment.
- Maintained project documentation with Confluence to ensure easier knowledge transfer and onboarding for future developers, reducing ramp-up time by 50%.

Software Developer Graduate, *IG Group*   Jan 2021 – Aug 2022
- Graduate scheme where I completed three 5-month rotations across different teams.
- Migrated scripts from a remote Windows machine to Apache Airflow for improved management and automation in the Machine Learning Engineering team.
- Utilised Python and Pandas to analyse client datasets, and identified trends and patterns from data acquired with SQL in the Data Science team.
- Divided a static web page into components to enhance maintainability in the Websites Frontend team.

EDUCATION

Bachelor of Science in Computer Science, 1st Class Honours, *Queen Mary, University of London*   Sep 2017 – May 2020
- My final year project was a stance classification model which used Reddit comments.
- Trained three classifiers on a pre-labeled Twitter dataset with 'positive', 'negative', and 'neutral' stances.
- The data was preprocessed by removing noise and extracting key textual features.
- Applied the trained models to classify the stances of Reddit comments from the subreddit /r/worldnews.

OTHER PROJECTS

Statify, *a web app which allows Spotify users to view statistics about their listening history* 🔗   Jun 2024 – Dec 2024
- Statify is a web app which allows Spotify users to log in with their credentials to view their top tracks and artists in a given period.
- The website is developed with TypeScript and React, with Tailwind as a CSS framework.

Saved by Snoo, *a web app which allows Reddit users to view their saved posts' images on their account.* 🔗   Feb 2024 – Mar 2025
- A web app that allows Reddit users to login and view saved images on their account presented to them on a grid interface, which also gives users the ability to view the original post of these images.
- Developed with a Python backend creating an API via Flask, a TypeScript React frontend to process and display the data, and Tailwind to style the web app.

Consolidate, *An interactive database which allows you to view the monetary values of political figures* 🔗   May 2024 – Aug 2024
- Consolidate is a publicly accessible database containing the financial information of political figures, including their total earnings, gifts and donations.
- Setting up Python scripts to query and collect data from the Contracts Finder API, cleaning the data and storing it into MongoDB to be displayed on the frontend.