Lim Bei Ling Cheryl

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WORK EXPERIENCE

JPMorgan Chase & Co – Software Engineer   **August 2024 – Present**

- Part of the Cloud Foundational Service team that fall under Infrastructure Platform
- Developed and maintained a Technology Lifecycle Management (TLM) notification system to alert teams across JPMC about potential prohibition or downgrading of Terraform modules, cloud resources etc. to ensure compliance with internal policies
- Build cloud infrastructure for efficient querying of our databases using AWS and Terraform
- Tech Stack: Spring Boot, Java, AWS, Terraform, Jenkins, Junit test, Camunda

GovTech – Software Engineer Intern   **January 2024 – May 2024**

- Part of the Business Grant Portal Team under the Government Digital Services (GDS)
- Developed features such as sophiscated markdown editor, form applications using React Typescript and Ruby on Rails
- Designed and implemented a CI/CD pipeline using GitLab to automate testing and employ Test Driven Development (TDD)
- Worked in an agile team to implement new features weekly and efficiently
- Collaborated with cross-functional teams to gather requirements, refine user stories and translate them into functional software components
- Tech Stack: Typescript, React, Ruby on rails, React Testing Library, GitLab

JPMorgan Chase & Co - Software Engineer Intern   **June 2023 – August 2023**

- Developed an end-to-end web application using React.js and flask that incorporates a dashboard to help users to check their job statuses and information
- Designed and implemented an automated CI/CD pipeline using JenKins
- Worked in an agile team to implement new features weekly and efficiently
- Implemented Spring Cloud API gateway to help control traffic to splitIO with Cache added to improve the latency of requests and reduce number of calls made to the endpoint
- Tech Stack: HTML, React.js, Flask, Elasticsearch, Spring Boot, Jenkins, BitBucket

IBM – CIO Network Engineering Application Developer Intern   **January 2023 – June 2023**

- Analysed requirements and designed, developed and implemented an end-to-end web application to help users to import Excel sheets and analyse data to automatically generate insightful graphs that will be shown on the dashboard
- Tested the web application by performing user testing and troubleshooting prior to live deployment to ensure high quality coding
- Worked in an agile team to implement new features weekly and efficiently
- Deployed web application on IBM cloud platform
- Tech Stack: HTML, Tailwind CSS, Vue.js, Flask, Docker, Pandas, Plotly, Seaborn, MySQL

Smart Nation (Government Data Office (GDO)) – Data Analyst Intern   **May 2022 – August 2022**

- Analysis of GovTech IT service management data queries and consultations
  - Analysed and Visualised queries to identify resourcing efforts put in by GDO and resource savings from agencies using python seaborn, wordcloud and pandas
  - Analysed and identify potential trends and problematics policy areas, for future review by performing exploratory data analysis
  - Work with SSOTs and relevant agencies to ensure that standards of core data fieldsand code tables are incorporated into SG-DRM and are up to date

PROJECTS

Vendor Management System (Quantum Leap) – Developer

- Developed an end-to-end web application that offers customizable forms with suggestive inputs, signature, form export and user-friendly UI/UX optimized
- Help simplifies the vendor management process, streamlines onboarding and ensures prompt notification of any updates or changes through email
- Tech Stack: HTML, Tailwind CSS, Vue.js, Spring Boot, MySQL, Java

EDUCATION

Singapore Management University   **2020 – 2024**

Bachelor of Science (Information Systems)

- Majors: Digital Cloud Solutioning, Business Analytics
- Activities and societies: SMU Women In Tech, SMU Climb Team, SMU Business Intelligenceand Analytics, SMUX Trekking, SMU Operations Management Society
- Teaching Assistant for Web Development 2 (IS216)
- Wildcard winner for google ignite! , Ellipsis Code # '22 (Position 12/283) , 1st Runner Up for JPMorgan Code for Good 2022 Hackathon

St Andrew's Junior College   **2018 - 2020**

A Level, Science (H2 Physics, H2 Chemistry, H2 Math, H1 Economics)

- Activities and Society: Symphonic Band
- Part of the Science Scholar Porgramme (SSP) under the Talent Development Program (TDP) which is only offered to students who are academically talented
- Honour roll for 2018 and 2019

SKILLS AND CERTIFICATIONS

Technical Skills: Python | JavaScript | TypeScript | Vue.js | CSS | React | HTML | PHP | Java | Spring Boot | Docker | Machine Learning | MongoDB | Next.js | SQL | Node.js | Ruby | Terraform

Software Tools: MySQL | Microsoft Office | Visual Studio Code | Tableau | Anaconda | PyCharm |Figma | Heroku |AWS | IntelliJ | RubyMine | GitLab | BitBucket | WebStorm

Certifications: Hashicorp Terraform Associate **|** AWS Cloud Practitioner | FinOps Certified Practitioner | Java Certified Foundations Associate Oracle | AI100 Python programming and Data Visualisation issued by Heicoders Academy| AI200 Applied Machine Learning issued by Heicoders Academy

Soft Skills: Works collegially with peers | Organized and Responsible | Proactive in leading projects |Detail-oriented | Fast and Active Learner | Adaptability | Passion for learning