

## Lim Bei Ling Cheryl

Singapore | [cheryllimbeiling@gmail.com](mailto:cheryllimbeiling@gmail.com) | +65 8338 6175 | <https://www.linkedin.com/in/cheryl-lim-3a9a98201>  
| <https://github.com/dracolim>

### WORK EXPERIENCE

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#### JPMorgan Chase & Co - Software Engineer

June 2023 – August 2023

- Developed an end-to-end web application using React and flask that incorporates a dashboard to help users to check their job statuses and information
- Deployed web application on internal JPMC cloud platform
- 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, Flask, Elasticsearch, Springboot, Jenkins

#### IBM – CIO Network Engineering Application Developer

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 the 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 fields and code tables are incorporated into SG-DRM and are up to date

### PROJECTS

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#### Personal Website ([www.cherylmalfoy.com](http://www.cherylmalfoy.com)) – Developer

- Developed responsive personal portfolio with JavaScript frameworks including Node.js, also with HTML, CSS. Deployed on AWS Amplify
- Designed with google fonts, unicons, mixitup, swiper, smtp packages
- Developed first with the Mobile First methodology, then for desktop. Compatible for all devices
- Includes a light and dark mode
- Tech Stack: CSS, HTML, Node.js, AWS Amplify

#### Vendor Management System (Quantum Leap) – Developer

- Developed a 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, Springboot, MySQL, Java

## EDUCATION

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### 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 Intelligence and 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)
- 1<sup>st</sup> 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 Programme (SSP) under the Talent Development Program (TDP) which is only offered to students who are academically talented
- Honour roll for Promos, Mid-Year Exams

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## SKILLS AND CERTIFICATIONS

**Technical Skills:** Python | JavaScript | Vue.js | CSS | React.js | HTML | PHP | Java | Springboot | Docker | Machine Learning | MongoDB | Express.js | SQL | Node.js

**Software Tools:** MySQL | Microsoft Office | Visual Studio Code | Tableau | Anaconda | PyCharm | Figma | Heroku | AWS | IntelliJ

**Certifications:** 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 | Active Learner | Adaptability