

Lim Bei Ling Cheryl

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WORK EXPERIENCE

Doe (YC S25)

San Francisco, CA

Software Engineer

Oct 2025 - present

Tech Stack: Typescript, React.js, AI Agents, AWS, Junit test, NeonDB

- **Agent Infrastructure:** Architected the core orchestration engine powering AI agents that execute real workflows, CRM updates, report generation, expense reconciliation etc. across 10+ integrated tools (HubSpot, Slack, Linear, Snowflake, Google workspaces etc.) with real-time action previews and human-in-the-loop controls.
- **Product Engineering:** Built end-to-end features including the conversational chat interface, natural language data query engine, and Loops (scheduled recurring agents) for automated pipeline reviews and monitoring workflows.
- **Enterprise & Compliance:** Shipped SOC 2 Type II compliance, SSO/SCIM provisioning, and audit logging. Designed zero-retention LLM architecture with NeonDB for HIPAA-ready data handling.

JPMorgan Chase & Co

Singapore

Software Engineer

August 2024 – September 2025

Tech Stack: Spring Boot, Java, AWS, Terraform, Jenkins, Junit test, Camunda

- **Platform Engineering:** Built a Technology Lifecycle Management (TLM) notification system using Spring Boot and Camunda workflows to alert engineering teams across JPMC about deprecated or prohibited Terraform modules and cloud resources, enforcing cloud compliance at scale.
- **Cloud Infrastructure:** Designed and provisioned AWS infrastructure (ECS, RDS, EventBridge, Cloudwatch, s3, ELB) using Terraform with reusable modules to optimize database querying performance. Integrated Jenkins for CI/CD with automated JUnit test suites.
- **Infrastructure Platform:** Part of Cloud Foundational Services team responsible for internal tooling that supports infrastructure hygiene across the firm.

GovTech

Singapore

Software Engineer Intern

January 2024 – May 2024

Tech Stack: Typescript, React, Ruby on rails, React Testing Library, GitLab

- **Product Engineering:** Developed key features for the Business Grant Portal (Government Digital Services) including a rich markdown editor and multi-step form applications using React TypeScript frontend and Ruby on Rails API backend.
- **CI/CD & Testing:** Architected GitLab CI/CD pipelines with automated test runs via React Testing Library, enabling Test Driven Development (TDD) and reducing regression bugs.
- **Agile Delivery:** Collaborated with cross-functional teams (product, design, policy) to translate user stories into production-ready features on weekly sprint cycles.

JPMorgan Chase & Co

Singapore

Software Engineer Intern

June 2023 – August 2023

Tech Stack: HTML, React.js, Flask, Elasticsearch, Spring Boot, Jenkins, BitBucket

- **Full-Stack Development:** Built an end-to-end internal tool using React.js and Flask with Elasticsearch-powered search, providing a dashboard for users to query and monitor job statuses and metadata in real-time.
- **API Gateway & Caching:** Implemented Spring Cloud Gateway to manage traffic routing to SplitIO feature flags, adding Redis caching layer to reduce API latency and minimize redundant downstream calls.
- **CI/CD:** Designed and maintained automated Jenkins pipelines integrated with BitBucket for continuous integration and deployment.

IBM

Singapore

Software Engineer Intern

January 2023 – June 2023

Tech Stack: HTML, Tailwind CSS, Vue.js, Flask, Docker, Pandas, Plotly, Seaborn, MySQL

- **Full-Stack Development:** Designed and built an end-to-end data analytics platform using Vue.js and Flask, enabling users to upload Excel files and auto-generate interactive visualizations (Plotly, Seaborn) on a customizable dashboard.
- **Data Pipeline:** Implemented backend data processing with Pandas for parsing, cleaning, and transforming uploaded datasets before visualization.
- **Deployment:** Containerized the application with Docker and deployed to IBM Cloud, performing user acceptance testing and debugging prior to production release.

PROJECTS

Personal Website – Frontend developer and UI/UX designer

<https://www.cheryllimbl.com>

Tech Stack: Tailwind CSS, TypeScript, React, Framer Motion

- Designed and developed a dynamic personal portfolio to showcase different projects, featuring interactive elements and smooth animations with Framer Motion
- Integrated playful experiences and mini-game to reflect personal creativity while maintaining a professional UI
- Emphasized on responsiveness, performance and UX to create an engaging experience across devices and screen sizes

Jouvire (The Wedding Planner) – Developer and UI/UX designer

<https://www.jouvire.com>

Tech Stack: Next.js, Tailwind CSS, TypeScript, React, Framer Motion, Figma, Python, OpenAI

- Designed and developed a responsive and user-friendly wedding planning web application with extensive dynamic features such as an AI planner for personal recommendations and vendor searches
- Acquired experience in utilising Framer Motion library to incorporate captivating animation effects, enriching the app’s visual appeal and interactivity

EDUCATION

Singapore Management University

Singapore

Bachelor of Science (Information Systems), Majoring in Digital Cloud Solutioning, Business Analytics

2020 – 2024

- Teaching Assistant for Web Development 2 (IS216)
- Hackathons: HackGlobal 2024 (Grand Finalist), HackSingapore x DBS 2024 (3rd place), HackWarsaw 2024 (Finalist), JPMorgan Code For Good 2022 (1st Runner Up), JPMorgan Internal Hackathon 2024 (1st)

PROGRAMMING SKILLS

Languages: Python, Java, TypeScript, JavaScript, Ruby, SQL, PHP

Technologies: React, Next.js, Vue.js, Spring Boot, Node.js, Flask, Docker, Terraform, AWS, MongoDB, MySQL

Certifications: Terraform Associate, AWS Cloud Practitioner, FinOps Practitioner, Oracle Java Foundations