

# Lim Bei Ling Cheryl

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## WORK EXPERIENCE

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### Domu (YC S24)

San Francisco, CA

#### Software Engineer

Jan 2026 - present

Tech Stack: Typescript, React.js, AWS, PostgreSQL, Terraform, WebRTC, LiveKit, Jambonz

- **Client Platform:** Owned the client-facing platform end-to-end, directly driving onboarding of top enterprise customers including Nubank and Affirm.
- **Post-Call Analysis:** Led the migration and refactoring of the post-call analysis system to a multi-tier LLM-based architecture, reducing inference costs through optional tier execution and delivering automated call insights across the entire customer base.
- **Voicemail Detection:** Built and owned voicemail detection across outbound calls and agents, reducing time taken to detect non-productive calls and increasing revenue efficiency for enterprise clients including Nubank.
- **Provider Integrations:** Expanded Domu's enterprise collections reach by integrating with tools like warm transfer, payment, and SMS capabilities with providers including Five9, Alorica, Oliphant, and iNovo.
- **Infrastructure:** Hardened platform security and reliability, enabling scalable multi-client operations across environments

### Doe (YC S25)

San Francisco, CA

#### Software Engineer

Oct 2025 - Jan 2026

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 different integrated tools such as HubSpot, Slack, Linear, Snowflake, Google workspaces with real-time action previews and human-in-the-loop controls.
- **Product Engineering:** Shipped end-to-end conversational interface and natural language data query engine, enabling non-technical users to interact with complex data pipelines through chat

### JPMorgan Chase & Co

Singapore

#### Software Engineer

Aug 2024 – Sept 2025

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

- **Platform Engineering:** Built a Technology Lifecycle Management system using Spring Boot and Camunda to enforce cloud compliance at scale, alerting engineering teams across JPMC on deprecated Terraform modules and cloud resources.
- **Cloud Infrastructure:** Designed and provisioned AWS infrastructure (ECS, RDS, EventBridge, CloudWatch, S3) using reusable Terraform modules, improving database query performance and platform observability.

### GovTech

Singapore

#### Software Engineer Intern

Jan 2024 – May 2024

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

- **Product Engineering:** Developed key features for Singapore's Business Grant Portal serving thousands of SMEs, including a rich markdown editor and multi-step form applications using React TypeScript and Ruby on Rails.
- **CI/CD & Testing:** Architected GitLab CI/CD pipelines with automated test coverage via React Testing Library, adopting TDD practices and reducing regression bugs across weekly release cycles.

### JPMorgan Chase & Co

Singapore

#### Software Engineer Intern

Jun 2023 – Aug 2023

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

- **Full-Stack Development:** Built an internal job monitoring dashboard using React.js, Flask, and Elasticsearch, enabling engineers to query and track scheduled job statuses and metadata in real-time.
- **API Gateway & Caching:** Implemented Spring Cloud Gateway for SplitIO traffic routing with Redis caching, reducing API latency and cutting redundant downstream calls.
- **CI/CD:** Designed and maintained automated Jenkins pipelines integrated with BitBucket for continuous integration and deployment.

### IBM

Singapore

#### Software Engineer Intern

Jan 2023 – Jun 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 Plotly visualisations on a customisable dashboard.
- **Deployment:** Containerised the application with Docker, deployed to IBM Cloud, and conducted user acceptance testing prior to production release.

## PROJECTS

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### 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

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### 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 (3<sup>rd</sup> place), HackWarsaw 2024 (Finalist), JPMorgan Code For Good 2022 (1<sup>st</sup> Runner Up), JPMorgan Internal Hackathon 2024 (1<sup>st</sup>)

## PROGRAMMING SKILLS

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**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