Cheah Jing Feng

📞 +65 9667 6334 | ✉ cjingfeng98@gmail.com | 🔗 https://www.linkedin.com/in/jingfeng-cheah/

SKILLS

Languages: Dart, Python, JavaScript, HTML, CSS, TypeScript, C/C++, Java, SQL

Technologies & Tools: Flutter, Firebase, Firestore, Google Cloud, Microsoft Entra ID, ReactJS, Node.js, Angular, Flask, Django, PostgreSQL, MySQL, Git

WORK EXPERIENCE

Bernhard Schulte: *Software Engineer*   Jul 2023 – Present

- Contributed to the development of two websites and two mobile apps using Flutter.
- Implemented Getx State Management to optimize app performance and enhance efficiency.
- Designed and deployed Python Flask API on Google Cloud Run to handle large-scale image processing tasks in the cloud efficiently over extended durations.
- Deployed Google Cloud Functions to support various backend processes.
- Automated image compression with Firebase Extensions, saving 96% storage space and improving user experience.
- Integrated Microsoft APIs to enable seamless OneDrive file picker functionality on web platforms, simplifying the process of uploading large quantities of images for clients.
- Revamped Firestore database architecture, optimised data structure and updated over 2500 existing documents to enhance scalability and performance.
- Led the end-to-end process of launching Android apps on Google Play Store.
- Implemented Firebase buckets in multiple regions, resulting in 50% faster access for users in Asia and Europe.
- Refactored legacy codebases, adding over 90 new features and enhancing code quality.
- Established local database using Hive for offline app usage.
- Initiated documentation initiative, streamlining project workflows and enhancing team productivity.

Resync: *Software Engineer Intern*   Jul 2021 – Dec 2021

- End-to-end development of a Flutter mobile app.
- Implemented mobile notification features using Firebase, Firestore and Firebase Cloud Messaging.
- Deployed Flutter app to the Google Play Store and the Apple App Store.
- Designed and implemented components and services using Angular.
- Created React components and used redux for State Management.
- Set up a backend server using Postgres and Docker, and integrated APIs on the frontend.
- Implemented Unit Tests using Mocha, Chai and Sinon.
- Created UI/UX designs on Figma for a web portal.
- Followed the Agile workflow closely with 2-week sprints.
- Used Git hooks and learnt how to set up ESLint checks on Gitlab projects.

wecome: *Software Engineer Intern*   Nov 2020 – Dec 2020

- Worked on a delivery app (Cates) for delivery riders to deliver food from campus canteens to NTU Halls, widely adopted by students during the COVID-19 pandemic.
- Developed the hybrid app using Flutter, integrating a web app into a native app for the start-up company.

EDUCATION

Nanyang Technological University | Singapore   Aug 2019 – Jun 2023

Bachelor of Engineering (Computer Science) with Honours | Highest Distinction (First Class Honours)

Honours with an elective focus in Artificial Intelligence and an elective focus in Data Science and Analytics

Certifications

The Complete 2024 Web Development Bootcamp (Udemy)	Jul 2024
The Complete Flutter UI Masterclass | iOS, Android, & Web (Udemy)	Jun 2024
Complete Web & Mobile Designer: UI/UX, Figma, +more (Udemy)	Dec 2021
GitLab CI: Pipelines, CI/CD and DevOps for Beginners (Udemy)	Sep 2021
Agile Crash Course: Agile Project Management; Agile Delivery (Udemy)	Aug 2021
The Complete 2020 Flutter Development Bootcamp with Dart (Udemy)	Jun 2020