

Cheah Jing Feng

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PROFESSIONAL SUMMARY

Full-stack software engineer with 2.5+ years' experience delivering cloud-native, cross-platform solutions for international clients. Skilled in Flutter, Python, and Google Cloud; deployed large-scale data systems, optimized image pipelines, and led full end-to-end product launches adopted by global users.

TECHNICAL HIGHLIGHTS

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

Frameworks: Flutter, React, Angular, Node.js, Flask, Django

Cloud / Infra: Google Cloud (Cloud Run, Functions, Compute Engine), Firebase, Firestore, Docker, GitLab CI

Databases / Tools: PostgreSQL, MySQL, Hive (local DB), Git, Figma, GetX, Agile/Scrum

PROFESSIONAL EXPERIENCE

Bernhard Schulte Singapore Holdings – Software Engineer (Full Stack) Jul 2023 – Present

- Designed and launched a Diving Application for Dive Marine Services; led full end-to-end development, completed Singapore team onboarding, and initiated rollout to European teams.
- Deployed a Compute Engine service to ingest global vessel telemetry via websocket and built an interactive live-tracking dashboard.
- Developed and deployed a Flask API on Cloud Run for long-running image-processing jobs, improving scalability and reliability.
- Automated image compression via Firebase Extensions, cutting storage costs by 96%.
- Integrated Microsoft OneDrive Picker API, accelerating client upload workflows by 60%.
- Restructured Firestore schema and migrated 6,500+ documents, enhancing query performance and scalability.
- Deployed region-specific Cloud Storage / Firestore instances (Asia & Europe), reducing data-retrieval latency by ~50%.
- Delivered cross-platform Flutter apps; implemented GetX and Hive for offline use; improved CI/CD and documentation practices.

Resync: Software Engineer Intern Jul 2021 – Dec 2021

- Delivered a Flutter mobile app with FCM push notifications adopted by the National Environment Agency (NEA).
- Built Angular portal and React components with Redux, reducing frontend bugs by 30%.
- Containerized backend with Docker and PostgreSQL, cutting setup time by 70%.
- Established unit testing framework (Mocha, Chai, Sinon), raising coverage to 85%.

EDUCATION

Nanyang Technological University | Singapore Aug 2019 – Jun 2023

B.Eng. Computer Science with Highest Distinction (First Class Honours)

Specialisations: Artificial Intelligence, Data Science & Analytics

EDB-IPP PhD Scholarship (Offered, Declined)

SELECTED PROJECT

Personal Portfolio Website – Next.js

Built a responsive portfolio using Next.js and Tailwind CSS (with AI assistance) featuring SSR for SEO, dynamic project pages, and CI/CD deployment pipeline to Vercel.