Daniel Kwok Zheng Xian

danielzhengxian21@gmail.com | danielkwok.com | Github | Linkedin

Summary

Software Engineer with expertise in backend systems, cloud architecture, and CI/CD automation. Experienced in launching complex projects in the fintech and digital banking sectors and collaborating with multi-region teams remotely. Proficient in Golang, AWS, and microservices architecture.

Education

University of Nottingham Malaysia - Selangor, Malaysia
BSc (Hons) in Software Engineering, Class of 2019

Professional Development

- AWS Certified Solutions Architect - Associate - Oct 2023

Experience

GXBank - Remote
Senior Software Engineer

March 2024 – Present

- Spearheaded the development of a business onboarding system with a team of 6, completing it within a 4-month timeline as the core maintainer.
- Enhanced development velocity for new teams such as lending and insurance by 50% by optimizing API usage and workflows.
- Improved on-call experience by refining telemetry parameters, r**educing false alarms by 90%** and conducting root cause analysis,

Software Engineer

August 2022 – February 2024

- Part of the **pioneer team of 50** launching **Malaysia's first digital bank,** GXBank, reaching 100k users within 3 months.
- Led a team of 4 to develop the customer onboarding process (eKYC, AML name screening) with various technologies, including **Golang, MySQL, Redis, and AWS.**
- Collaborated across regions with 20+ engineers to deploy microservices and infrastructure to staging for third-party audits within 6 months.
- **Mentored** 3 new engineers, enhancing their onboarding and technical growth.

Grab - Kuala Lumpur, Malaysia
Fullstack Software Engineer

August 2021 – August 2022

- Maintained core services and supported the transition of the engineering training portal.
- Led integration of Cortex.io **into** Grab's internal platform to manage microservice ownership, leveraging **Spotify's Backstage framework**.

Pixel Pine - Kuala Lumpur, Malaysia
Fullstack Software Engineer

July 2019 – August 2021

- Developed mobile applications and admin panels using **React and React Native** for client Rush, a scooter lifestyle company.
- Upgraded React Native for 3 mobile projects **from 0.59 to 0.63**
- Improved map rendering performance of gpsfleet.my by 80% through **legacy code refactoring**

Skills

Backend: Golang, Node.js, MySQL, MongoDB
Frontend: HTML, CSS, JavaScript, React, Next.js, Htmx
Cloud: AWS (EC2, Lambda, S3, DynamoDB, API Gateway), GCP (Cloud Functions, Maps API, Firebase)
DevOps: Git, Docker, GitHub Actions, GitLab CI/CD, Docker-compose

Projects & Achievements

- **Twitter Challenge with George Hotz** - Participated in a global coding challenge during Elon Musk's Twitter takeover, becoming one of six to submit a working solution. GitHub
- **Technical Writing** - Published articles on Medium, including "The System Design Handbook" (7.8k+ views) and "Reading Documentation" (7.2k+ views).