

# Daniel Kwok Zheng Xian

[danielzhengxian21@gmail.com](mailto:danielzhengxian21@gmail.com) | [danielkwok.com](https://danielkwok.com) | [Github](https://github.com/danielkwok) | [Linkedin](https://www.linkedin.com/in/danielkwok)

## Summary

Software Engineer with expertise in building backend systems from zero-to-one in fintech & digital banking sectors. Experienced with collaborating with multi-country teams remotely across timezones. Proficient in Golang, AWS, and microservices architecture.

## 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

## Professional Certifications

AWS Certified Solutions Architect - Associate - Oct 2023

## Experience

### GXBank - Kuala Lumpur, Malaysia

Senior Software Engineer

March 2024 – Present

- **Led the development** of a business onboarding system with a team of 6, completing it within a 4-month timeline as the core maintainer.
- Reduced development timeline for new teams such as lending and insurance by **50% by optimizing API usage and workflows**.
- Improved on-call experience by refining telemetry parameters, **reducing 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

## Education

University of Nottingham Malaysia - Selangor, Malaysia

BSc (Hons) in Software Engineering, Class of 2019

## 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](https://github.com/danielkwok/twitter_challenge)
- **Technical Writing** - Published articles on [Medium](https://medium.com/@danielkwok), including "The System Design Handbook" (7.8k+ views) and "Reading Documentation" (7.2k+ views).