Daniel Kwok Zheng Xian

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Software Engineer

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Career Summary	Worked from small startups with less than 6 employees, to large tech companies like Grab with thousands spread across the world. Currently working at GXBank, focusing on building the best onboarding experience for new customers.
Experience	**Backend Engineer** (Aug 2022 - Present) GXBank - Successfully launched the bank within timeline, and reached the stretched milestone of 100k users within the first 3 months of launching. - Collaborated with a team of more than 20 engineers across multiple regions to successfully onboard, adapt, integrate and deploy all required infra and microservices to the staging environment within 6 months in preparing for third-party audits. - Provided guidance and mentorship to 3 new team members, facilitating their onboarding and fostering their professional growth. - Core maintainer with a team of 4 incharge of building the onboarding experience of customers (account creation, eKYC, etc). Consistently delivered and shipped new features using various technologies such as Golang, MySQL, Redis, ArgoCD, Envoy, Vault and Kafka, and AWS. **Fullstack Software Engineer** (Aug 2021 – Aug 2022) Grab - Keep the lights on + support wider org in sunsetting internal engineering training portal. - Worked with a team to lead the initiative to incorporate cortex.io into Grab's internal engineering platform, built off Spotify's Backstage. **Product Lead** (Oct 2020 – Aug 2021) Pixel Pine - Worked side-by-side with CEO and CTO to build out an end-to-end logistic system consisting of 3 separate web and mobile platforms. - Provided on-site, handheld training with end-users to ensure proper adoption. - Prepared and maintained design documents to drive features from concept, to design, and development which improved sprint velocity and developer effectiveness by 30%. - Scrum master. Introduced and enforced consistent, small deliveries over 2-week sprints, rather than the previous practice of only coming together a week before delivery which improved milestone delivery quality. - Introduced, implemented, and enforced the practice of code review with junior developers. **Full Stack Software Engineer** (July 2019 – Oct 2020) Pixel Pine - Used React and React Native to build and launch a mobile app and admin panel for the lifestyle scooter company, Rush. - Upgraded React Native for 3 mobile projects from 0.59 to 0.63 to support additional features. - Used React, React Native, AWS Lambda, AWS DynamoDB, to be the main maintainer of the company's core product, gpsfleet.my, a vehicle tracking software used by more than 50 users. Ensuring not only code correctness and efficiency, but also data's correctness, consistency, and efficiency. - Designed and built a refuel detecting and usage predicting module. Constant follow-up and manual data collection was done with the sales team to build a more robust dataset, resulting in better data predictive ability. - Improved map component's rendering performance of gpsfleet.my by +80% via major refactor of legacy code, and using Google Maps component correctly.

	Freelance Developer (July 2019 - Oct 2020) ● Co-lead the scaling and rebranding of an OEM product, (1 mobile app, 3 web applications, and 3 backend services) from a monolithic infrastructure to a microservice infrastructure leading to a 30% increase in performance and 50% decrease in rejected requests using AWS EC2, AWS Aurora, and Redis queue. ● Built out promotional infrastructure (voucher, coupons, promocode) using MySQL, Nodejs, Nginx for the lifestyle powerbank rental company, Rush Power. ● Implemented product-i.impact.my, a government NGO management tool using Django, which was learnt over a weekend. ● Consulted and co-lead a woman's fashion company, ftimber.com on how to migrate on to Shopify and gmail hosting which led to improved admin experience, and 20% increase in online recurring revenue.
Certifications	● [AWS Certified Solutions Architect Associate](#) (Oct 2023)
Skills	● Web development (HTML, CSS, Javascript, React) ● AWS (ec2, lambda, s3, dynamo db, api gateway, elasticache, msk) ● GCP (cloud function, map api, storage, firebase) ● Backend (Nodejs, Golang, MySQL, MongoDB) ● Other (Git, Github Actions, Gitlab CI/CD, Docker, Docker-compose)
Education	**Software Engineering BSc (Hons)** (Class of 2019) University of Nottingham Malaysia, Semenyih, Selangor ● Final score 68.5/100
Involvements and Achievements	**Joined the fun in @realGeorgeHotz twitter challenge during Elon Musk's take over of twitter at 2022** ● Full story in README of source code: https://github.com/danielkwok21/twitter-gh-challenge **Author of [medium.com/@laymanExplained](#)** ● Top articles include [The system design handbook](#) (7.8k+ views) and [Reading documentation](#) (7.2k+ views) **Built [mcoornot.com](#) (decommissioned)** ● A site that tells you if your location is under [mco](#) or not, i.e. a lock down during Covid 2019. ● Utilizes here, a geo-location service to get the address of users from browser's location api. ● Decide mco status by comparing user's postcodes with government announced mco rules at point in time. ● Reached the peak of traffic (5000+ visits) during the announcement of mco3.0, which was applicable to only certain sub districts in Selangor, and netted me a net profit of -$19.89.