Lim Wei Xiang

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🪪 PROFILE

A dynamic Computer Science graduate with a proven track record of leading teams to develop and deploy scalable software solutions.
Proficient in architecting robust web applications and driving projects from conception to implementation.

🧠 SKILLS

Frontend development
React, NextJS, Sveltekit

Database
MySQL, PostgreSQL, MongoDB

Backend development
Django, Spring Boot with myBatis, NodeJS with TypeORM and GraphQL

Deep Learning (AI)
Tensorflow (Python framework)

Mobile App Development
Flutter, Android Studio, Ionic

Cloud
Google Cloud (cloud run, k8s), Alicloud (k8s)

💼 WORK EXPERIENCE

07/2023 – present
Malaysia

Bjak Sdn Bhd ⬀
Software Engineer
- Maintained existing systems, developed UI features, and resolved backend bugs.
- Joined a team of 3 in building an insurance system from scratch.
- Collaborated with the product manager to refine requirements and plan project timelines.
- Utilised Kubernetes for container management.

Key achievements:
- Implemented a script to deploy applications on Kubernetes clusters and established GitHub actions for CI/CD, leading to a 50% decrease in manual deployment time.
- Advocated for the adoption of database transactions to mitigate data inconsistencies and enable automatic rollback in case of query failures, thereby decreasing error-handling development time by 40%.

Tech involved: *NextJS (Typescript), Sveltekit, NodeJs (express), MongoDb, Redis, GraphQL, AliCloud (k8s), Google Cloud (k8s)*

06/2021 – 06/2023
Malaysia

Grandshopware/ One2Deal Sdh Bhd ⬀
Intermediate Software Engineer (Teamlead)
- Headed a 4-member team to develop a centralized system for large-scale businesses within 3 months (beta version).
- Participated in code reviews and provided constructive feedback to peers to ensure code quality and maintainability.
- Conducted client meetings to gather requirements and specifications for project development.

Key Achievements:

- Integrated Lazada, Shopee, and WooCommerce APIs for centralised order and product management, reducing manual stock update and product listing time by 70%.
- Introduced Redis caching, improving page loading from seconds to 500ms.
- Implemented CI/CD with GitHub Actions and GCP, cutting deployment time by 50%.
- Employed dataloader in GraphQL to address the n+1 query issue, significantly enhancing query performance by 30%.

Tech involved: *NextJS, NestJS with TypeORM, PostgreSQL, Redis, GraphQL, Docker, Google cloud*

01/2020 – 09/2020
Malaysia

Leocode Sdn Bhd
Software Engineer (Part-time & Intern)
- Participated in client meetings to discuss project requirements
- Led a team of 2 to 3 individuals in system development.
- Designed database schema and implemented solutions for the new web application.

Key Achievements:
- Optimized algorithm in bonus system calculation (managed to optimize the function from 30 minutes to 5 minutes)

Tech involved: *Spring Boot with MyBatis (Java), Django (Python), Angular (Javascript), MySQL*

🎓 EDUCATION

01/2012 – 11/2016
Alor Setar, Malaysia

Secondary School
SMJK Keat Hwa
- 9A's in SPM
- Extracurricular
  - Chinese Debate Club Secretary
  - Computer Club Secretary

07/2017 – 06/2021
Cyberjaya, Malaysia

Bachelor of Computer Science specialized in Data Science
Multimedia University
- 3.98 CGPA
- Extracurricular
  - Buddhist Society President
  - Actively participated in the Chinese Debate Club as a member
- Final Year Project (FYP) - **Deep saliency retargeting**
  - Conducted a deep learning research project on retargeting eye attention in images without changing their content. (Can be found in my github)

🏅 AWARDS

19/03/2021

Permata Award (FCI)
Multimedia University
Permata award is given to the best student at faculty level.

17/04/2019

Top 10 in Unifi Hackathon Competition 2019
Telekom Malaysia Berhad

📄 CERTIFICATES

- Azure Fundamentals ⬈
- Coursera - Build Basic Generative Adversarial Networks (GANs) ⬈
- Coursera - Neural Networks and Deep Learning ⬈