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💻 Cheras, Kuala Lumpur.

YEOH ZHE HENG

WEB ENGINEER

SUMMARY

Focusing on Software Engineer field with hands-on experience as a Full-Stack and Java Backend Developer. Experienced in building scalable RESTful APIs with Node.js and Spring Boot, developing reusable React.js and Flutter frontends, and integrating MySQL and MongoDB. Worked on real-world projects involving reinforcement learning (PPO, Q-learning), time-series forecasting, and IoT payment device backends. Proficient with AWS (EC2, RDS, S3), Kubernetes, Redis, GitHub/GitLab, and CI/CD pipelines (GitLab, PM2). Currently pursuing a Bachelor of Software Engineering at TARUMT, combining strong theoretical foundations with practical, production-level development experience.

EXPERIENCE

JAVA Backend Engineer Intern
NOV 2025 - Present

Ant International | Trx 106, KL

- Scalable Backend: Built high-performance applications using in-house middleware (Redis, RPC, ZDAL).
- IoT Development: Developed backend logic and APIs for IoT payment devices.
- Tech Stack: Proficiently utilized Spring Boot, K8s, MyBatis, and Postman for all development and deployment tasks.

Project Developer
MAR 2025 - OCT 2025

Persis | Remote Work

- Persis App – Mobile app using Reinforcement Learning for user analysis
- Built with Node.js (backend), Python (AI), Flutter (frontend)
- Deployed on AWS, managed via PM2, version control with Git

Full-Stack Developer
MAR 2023 - MAR 2025

33Digitec Solution | Petaling Jaya, KL

- Developed RESTful API using Node.js with clear, concise, and standardized code.
- Built frontend using React.js with reusable components based on user requirements.
- CI/CD pipeline using (GITLAB), and Process Manager 2 (PM2) for dev environment deploy

AWARDS

- TARUMT Scholarship holder
- President's List
- TARUMT Softskill Competency Gold Award

EDUCATION

BCs of Software Engineering (Hons)
Tunku Abdul Rahman University of Management and Technology
2023 – 2026
CGPA: 3.97
Introduction to Blockchain Tech
Introduction to AI
Object-Oriented Programming

Foundation in Computing
Tunku Abdul Rahman University of Management and Technology
2022 – 2023
CGPA: 3.81
Web Application Development
Database Management
Introuduction to Programming

LANGUAGES

Mandarin
Native

English
Proficient

Malay
Independent

JAVA SpringBoot

- Developed scalable backend applications using Spring Boot and MySQL. Utilized various internal and external middleware/components to enhance application functionality, performance, and stability.

MERN with MySQL

- Developed efficient and user-friendly full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) in conjunction with MySQL.

Cloud Computing

- Possess knowledge and hands-on experience in deploying self-developed applications using AWS cloud services. Have a solid understanding of key AWS components and modules, including EC2, RDS, S3, and others.

Artificial Intelligent Development

- I'm familiar with using Python libraries such as Pandas, Scikit-learn, and others to develop AI models. I've built a series of time-series forecasting AIs and also developed reinforcement learning models, including PPO and Q-learning, for applications in question surveying.

Github & Gitlab

- Skilled in using GitHub and GitLab for project collaboration and tracking progress. These platforms make it convenient for me to upload my projects to the cloud, manage version control, and work together with others to complete tasks efficiently.

PORTFOLIO

Github

Personal Website

REFERENCES

Mr. Chia Wen Qi

33 Digitec Solution/ Project manager

Phone: 016-626 0792

Mr. Muhammad Aiman

Persis/ Project Initiator

Phone: 017-235 7125