Derrick Yew Choon Min

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EXPERIENCE

WESTPOINT TRANSIT PTE LTD (MOVE TEAM)
Mid Frontend Developer   *Remote, 06/2024 – Present*

- Spearheaded the front-end development of a **white-label fleet management** and **marketplace system**, ensuring a seamless user experience.
- Collaborated closely with technical and design teams to improve coordination and streamline communication.
- Established and implemented **development procedures and standards** to enhance code quality and collaboration.
- Integrated **advanced map APIs** to enable robust routing and search capabilities for fleet management.

FLEX-SOLVER (PART OF Beyondsoft)
Mid Backend Developer   *Kuala Lumpur, Malaysia, 07/2023 – 06/2024*

- Spearheaded the development of 3 web and mobile applications with 1M+ active users for leading Singaporean brands – **achieving >30% increase in conversion rates.**
- Constructed **30+** RESTful APIs with extensive functionalities within a week.
- Initiated new standardized functionality, focusing on reusability, versatility, and performance, reducing development time by **50%** and improving maintainability by **30%**
- Designed and optimized database schema for new modules in MySQL ensuring data integrity, performance and scalability.

INDEPENDENT FREELANCER
Full Stack Developer   *Remote, 11/2023 – Present*

- Communicated project requirements and business requirements, conducted research, and developed an algorithm for clients for their match making service, boosting accuracy by **100%** and reducing time consumption by **90%.**

GREATECH INTEGRATION (M) SDN BHD
Full Stack Developer   *Bayan Lepas, Penang, 08/2022 – 06/2023*

- Initiated design and development of **6 frontend and backend** modules for IOT Dashboard for collecting and analyzing industrial process data, including report, subscription, data visualization module.
- Constructed product demo module and carried out **product demo training** for engineers and customers.
- Engineered and optimized core back-end logic and database, and architected over **50+ APIs** for data retrieval, sorting, and processing.
- Demonstrated **adaptability** by acquiring new skills in diverse disciplines. Notably, learning video editing using **Adobe Illustrator** and **After Effects** for product demo, authoring training documentation to further enhance customer's understanding in using the product.
- Developed COVID-19 tracker app which collects health data of **1.8k** Greatech employees on daily basis.

Mechanical Design Engineer   *Bayan Lepas, Penang, 07/2021 – 08/2022*

- Designed **3** state-of-the-art innovative medical automation production line machines by utilizing 3D design tools.
- Initiated macro automation for data handling which reduced time consumption by **60%** and increased accuracy by **90%** and automation software for autogenerating reports for ERP reducing report drafting time by **50%.**

EDUCATION

Universiti Tunku Abdul Rahman

BEng Engineering (Mechatronic) | CGPA: 3.32   *May 2017- May 2021*
Foundation in Science | President's List | CGPA: 3.89   *May 2016- May 2017*

TECHNICAL SKILLS

React   Expressjs   Nestjs   Javascript   Typescript   Tailwind   Node   MySQL   TypeORM