

Handika Harianto Ew Jong

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EDUCATION

Asia Pacific University of Technology and Innovation

Bachelor of Science in Computer Science

CGPA: 3.62/4.0

Kuala Lumpur, Malaysia

Oct. 2020 – Mar. 2024

Relevant Coursework: Data Structures, Algorithmics, Designing and Developing Applications on the Cloud, HCI and Usability.

EXPERIENCE

Freelance Web Developer

Mar. 2022 – May 2023

- Developed responsive websites for clients in big data and IT services companies with modern frontend frameworks like Next.js and Gatsby.
- Constructed user-centered designs based on user requirements using Figma.
- Collaborated closely with a copywriter to align the contents with web designs.

Full Stack Developer Intern

Aug. 2022 – Nov. 2022

Tinkerive LLP

Kuala Lumpur, Malaysia

- Developed a full stack web application for a chatbot-based automation system named Digital Workspace Assistant using React/Typescript, Express, Node.js, and MongoDB.
- Implemented a multi-channel feature that allows businesses to create their own chatbot on both WhatsApp and Telegram platform.
- Continued the development of custom data table to manage users' data by implementing various functionalities, such as server-side pagination, context menu, etc.

PROJECTS

Foodly - Final Year Project | *MongoDB, Express, React, Node.js, Mantine, Socket.IO*

May 2023 - Jul. 2023

- Developed a web-based food donation system to facilitate Malaysians in food donation tracking and management.
- Integrated **Mapbox** to display the exact location of communities (e.g. orphanage, nursing home) and measure the distance between food donator and recipient.
- Implemented a built-in chat feature and real-time notification system using **Socket.IO**.
- Designed the entire User Interface using **Figma**.

URL Shortener | *MongoDB, Express, React, Node.js, Tailwind CSS*

Mar. 2022

- Developed a full stack web application that allows the end users to truncate the specified URLs.
- Built a REST API using **Express** and stores data using **MongoDB**.
- Designed the User Interface and used **Tailwind CSS** to style the React components.

Budgeting App - Hack4pan '22 Top 30 Finalists | *React, Material UI, Firebase*

Jan. 2022

- Developed a budgeting app to keep track of money spent by the users to prevent impulse purchases.
- Worked in a team of 4 and helped with debugging.
- Designed the User Interface of both login/registration page and home page.
- Built reusable and responsive components using **Material UI** that displays statistics, list of budgets, etc.
- Implemented user authentication and data storage to store information about users, budgets, and expenses using **Firebase**.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript

Frameworks: Tailwind CSS, React, ExpressJS, Next.js, Gatsby

UI Libraries: Mantine, Blueprint JS, Material UI, shadcn/ui

Developer Tools: Git, Github

Others: HTML, CSS, Sass, NodeJS, MongoDB, Redux, Firebase, Socket.IO, Figma