AISHAH SOFEA **MUHD HANIFA**

Software Engineer/Web Developer

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Experienced front-end web developer with 4 years of experience, I am proficient in React JS and bleeding-edge popular frameworks. I am passionate about creating visually appealing and engaging web applications. Being dedicated to staying up-to-date with industry trends and constantly improving skills make me a valuable asset to any team.

SKILL SETS

Languages: JavaScript, TypeScript, Python 3
Framework: ReactJS, NextJS, tRPC, Vite, RemixJS, Astro, Django
Testing: Jest, React Testing Library, Vitest, PlayWright
State management: Zustand, X-State, Redux
UI: Material UI, AntDesign, TailwindCSS, SASS & SCSS
Back-end: PlanetScale, Postgres, Prisma ORM, Supabase
CI & CD: Github Actions, Vercel

EDUCATION

BSc. in Mechanical Engineering   Jun 2014 - May 2018
Vanderbilt University, Nashville TN

WORK EXPERIENCES

Business & Integration Arch Sr Analyst, Accenture Technology   *Kuala Lumpur, MY (Jun 2022 - current)*

Front-end developer in Digital Banking
- Migrates old React codebase to using React functional components with hooks, TypeScript, Material UI, and introduces unit tests
- Implements change requests for various banking applications
- Builds internal application for testers to seamlessly generate a form to further customize profiles for their testing purposes (SingPass & CorpPass json)
- Coaches junior developers by initiating and participating in mob programming

Software Engineer, BAE Systems AI   *Kuala Lumpur, MY (Nov 2018 - Jun 2022)*

Web application developer
- Develops a threat intelligence portal that allows clients to access threat related information & recent news on cyber security
- Leads the team to migrate current codebase from vanilla CSS to SASS and Semantic UI

Python scripting
- Writes Python scripts to customize hardware monitoring reports
- Scripts mostly involve getting and sending data to InfluxDB/Grafana dashboard

Front-end developer
- Works in a front-end team to ship a dashboard interface that allows clients to perform analysis and investigation on data
- Implements UI features and fixes bugs according to project requirements

PERSONAL PROJECTS

Synkaku - Real Time Collaborative Blog Writing
- An application that allows multiple users to collaborate for blog-writing in real time using markdown syntax
- Uses **Remix** as a full-stack framework which leverages server-side rendering and file-based routing
- Leverages **Supabase** Realtime feature to enable shared state between clients

Kanban Board Clone
- Application inspired by Jira, where users can organize the tasks for different sections such as To-do, In Progress, Done, etc.
- Uses **tRPC** full-stack framework to ensure typesafe APIs with **TypeScript** paired with **NextJS**
- Leverages **Zustand** for global-state management and **X-State** for complex state changes

Sudoku Solver with Computer Vision (CV) & Machine Learning (ML)
- Takes an incomplete sudoku board image and output the solution on top of the original image
- Processed raw image of Sudoku puzzle using **OpenCV** library
- Trained sudoku digits recognition using **scikit-learn**'s Machine Learning algorithm