Ong Min Siang

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About Me

Currently a Full Stack Engineer in Bjak. I have a proven track record of crafting innovative, high-performance mobile apps across iOS and Android platforms. With a passion for staying at the forefront of technology, I excel in both front-end and back-end development (MERN Stack), constantly seeking elegant solutions to complex challenges. I am a collaborative team player with strong communication skills and an unwavering commitment to quality and user experience.

Working Experience

Full Stack Engineer, *Bjak*   04/2024 – present
Kuala Lumpur,
Malaysia
- Tech Stack: Next.js, Typescript, Node Express.js, MongoDB, NoSQL
- Participated in scraping client page using Playwright.
- Using tailwind as UI library.
- Develop admin portal UI and backend API.
- Using yup to validate req when calling the API
- Using Bull and Redis for job queueing to run the scrape
- Work with axios for API integration

Senior Mobile Application Developer, *Pertama Digital Berhad*   05/2023 – 04/2024
Kuala Lumpur,
Malaysia
- Maintain both web application & mobile application using React Native & React for frontend & Node Expressjs for backend & MySQL for database.
- Worked with expo publish & eas update to perform OTA updates to current mobile app
- Deployed current mobile application to both App Store & Google Play Store
- Use bitbucket for git repository & utilise the pipeline function for staging/production deployment
- Give peer to peer code review before merging any branches
- Use Jira to manage sprint tickets
- Use Slack/Google Workspace for daily communication
- Practice agile scrum methodologies
- Work with react-i18Next for translation.
- Use redux for state management
- Use knex.js as SQL Query builder for migration and writing sql queries.
- Integrate with AWS S3 to store image/files
- Using ant design and bootstrap as UI library for different projects
- Integrated with react-native-keychain to store username and password and retrieve from it using supported biometry type
- Integrated with asyncStorage to store authentication token.
- Participate in RN version upgrade
- Work with axios for API Integration

Mobile Application Developer, *Paywatch*   12/2022 – 04/2023
Kuala Lumpur,
Malaysia
- Work with designers and product team to build new features or enhance existing features on the Company's Mobile App using React Native and Typescript.
- Implement new debugging tools and unit testing framework such as Instabug and Detox.
- Redux as state management

- Experience in Onfido SDK EKYC, MoEngage SDK
- Deployment to App Store/Google Play Store
- Engage in React Native version upgrade from 0.68 to 0.71
- Practice agile scrum methodologies
- Using Azure Devops for CI/CD Pipeline/ Git Repository / Manage Sprint Tickets
- Using Outlook / Teams for daily communication

Reason for leaving: There is not much opportunity to contribute to the project and limited learning opportunities.

Application Development Senior Analyst, *Accenture*   06/2021 – 12/2022
                                                                          Kuala Lumpur,
                                                                          Malaysia
- Work with a team of mobile app developers on client's Mobile App using React Native.
- Engaging in Deployment of Enterprise App by creating APK & IPA manually to upload to admin portal.
- Lead a team of 4 Mobile Developers to engage in developing new features for the app.
- Enhanced EKYC features with Innov8tif API.
- Use useContext API for state management.
- Implemented branching strategy for the team to practice
- Engaging in L3 Application Support to resolve production tickets.
- Prepare documentation to ease the setup process for new joiner.
- Practice waterfall methodologies
- Transitioned from Github to Gitlab for Git Repository
- Being loaned to another project to help for rebranding purposes by changing app name, app image and app logo and deployed to both App Store/Google Play Store

Reason for leaving: Misalignment of promise from management and what they actually do.

Front End Engineer, *Axrail* ⬈   02/2021 – 04/2021
- Work closely with Back End Engineers and UI/UX designer
- Tech Stack: React Amplify, Graphql, AWS
- Participate in Admin Portal UI development
- Integrate with API provided by backend engineers
- Practice waterfall methodologies

Reason for leaving: Cultural unfit with organization

Tech Stacks & Tools

NodeJs | ExpressJs | React | React Native | Next.js | Javascript | Typescript | MySQL | MongoDB | AWS | Visual Studio Code | Github | Gitlab | Bitbucket | Bootstrap | Ant Design | Tailwind | HTML | CSS | Azure Devops | Jira | Confluence

Projects

Admin Portal (FM), *Axrail*
- Web Application Developed using React.js, css and bootstrap
- Implemented stamp/promotion features to allow admin to add stamp/promotion for a specific period of time.
- Admins allowed to enter stamp/promotion that will show up in customers' mobile app

SPORA Mobile Application (TM), *Accenture*
- Mobile Application developed using React Native
- Lead a team of 4 for development, deployment and supporting
- Implemented EKYC, react-native-web-view, disney+ hotstar subscription, change offering plan.
- Agents are able to generate and keep track of their commission

Paywatch, *Paywatch*
- Mobile Application developed using React Native and Typescript
- I had participated in RN version upgrade, implementing automation tools and debugging tools such as Detox and Instabug, revampting the homepage design, tidying up the code.

MyPay, *Pertama Digital Berhad*
- Mobile Application developed using React Native.
- I had participated in rebranding the coin deposit features and also adding voucher options instead of limiting to bank transfer. I also participated in RN and Expo SDK version upgrade and implemented eas update for OTA updates.
- Got a rating of 3.8 on App Store

KOCEK Admin/Merchant Portal & Public Facing, *Pertama Digital Berhad*
- 3 different web applications developed using React.js, Node.js, Express.js and MySQL.
- Implemented user authentication, product catalog, shopping cart functionality, transaction table & qr code for daily operation.
- Retail staff able to use merchant portal for daily operation and admin can use the admin portal to monitor the progress and generate reports.

Kah Wah, *Freelance*
- Mobile Application developed using React Native
- Integrated with Autocount API to get stocks details and do stock take by scanning bar code from the phone.
- Kah Wah's employee are able to use the application to ease their process of stock take and able to get the details of stock quickly by scanning the bar code.

Twinklinc, *Freelance*
- Mobile application developed using React Native
- Implemented add/edit/delete/log medication record for both parents app and staff app
- Allow parents to add medication records for child and allow staff to log the medication record once the child had taken the medicine

Education

Bachelor's Degree of Accounting and Finance, *Sunway University*
Second Upper honors with a CGPA of 3.2

03/2016 – 03/2019
Bdr. Sunway,
Malaysia

Courses

Next Academy Full Stack Coding Class, *Next Academy* ↗
Learned 8 web development languages and framework in 10 weeks which is
Python, Flask, SQL, React.js, Javascript, Bootstrap, HTML and CSS.
Recreated web application of Instagram using React.js in a span of 2 weeks and
using Python Flask in 9 days.

09/2020 – 11/2020
Glomac Damansara,
Malaysia

Certificates

- Bachelor Degree of Accounting and Finance
- React.js

- HTML/ CSS/ Javascript
- Python/ Flask/ SQL