Brian Ngamsom

Sydney, NSW | LinkedIn | 042-109-8547 | setthasiri.ngm@gmail.com | Portfolio

WORK EXPERIENCE

Heystak   **Sydney, NSW**
Software Engineer   *Feb 2024 – Present*

- Integrated application with Facebook and TikTok advertising API.
- Develop a Google Chrome Extension for user to use as an interface for saving ads to their library using React.
- Utilized Supabase as a database of choice to store user's data, assets and related content.
- Build and deploy Supabase's edge function as a serverless trigger function (automate trigger).
- Design application infrastructure which included data flow, event handling and performance optimization.
- Integrated email services using Resend as an email as code with React Mail.
- Setup and configure development and production environment using Cloudflare.
- Utilized React Query as a fetching framework and Recoil as a state management.
- Write CI/CD using GitHub actions for database migration diff on every pull request.
- Write unit testing for business logic using Vitest.

Present Company   **Sydney, NSW**
Software Developer   *May 2021 – April 2023*

- Maintain existing React web applications with React class-based component together with state management like Redux.
- Build and develop greenfield projects using React function components and Next.js with server-side rendering and state management like Recoil.
- Migrating React class-based component to functions based component with hooks, this helps the new feature of existing application scalable and maintainable.
- Working closely with styled component, tailwind and Chakra UI.
- Maintain legacy WordPress projects, include rebuild and redesign based on given specifications.
- Working in an agile collaborative development to receive design requirements, peer programs and test applications.
- Experience with React-Native building user portal and membership applications for one of Australian's government sport sectors.
- Utilizing Jira as a project management software to manage all the project with sprint technique.
- Apply CI/CD integration across all projects with GitHub actions.
- Optimizing Next.js heavy content-based web application using SSR. Shorten the loading time when first landing on the page.
- Deploy front-end application and Laravel back-end applications on AWS using Docker.
- Build a business admin portal for users to add/edit/update content on the site, together with the ability to assign roles to current users in the system with customized Laravel Nova admin panel.
- Build RESTful API that served the data to React front-end based on dynamically user input that handle concurrently.
- Write Unit test for front-end application using Jest for an existing application and greenfield projects. This helps existing application extend feature seamlessly.
- Write end to end testing using Cypress for customer facing UI component build with React. This solved an issue when the migration of the React that cause UI component render in the wrong order, causing conflict between state in the application.

EDUCATION

University of Wollongong   **Wollongong, NSW**
Master of Computer Science

- Software engineering and Machine learning major.

TECHNICAL SKILLS

LANGUAGES/TOOLS/FRAMEWORKS/CONCEPTS

- React, TypeScript, Vite, Next.js, .NET, C#, SQL, NOSQL, WordPress, PHP, Java, Python
- Azure, Microservices, OOP, Docker, JUnit, PyTorch, EF core, Spark, Hadoop, Hive

CERTIFICATES

- **Microsoft Certified – Azure Fundamental**
  Credentials ID – 995965111