



DANIAL RIDHWAN

RESIDENCE STATUS: Permanent Resident (永住者)

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WORK EXPERIENCE

CURRENTLY
2.5 YEARS
Jun 2023-now

SENIOR SOFTWARE ENGINEER AT 株式会社 POCKET CHANGE *Fintech Web and Mobile Development; Tokyo, Japan*

Started as Software Engineer, promoted to senior after 1st year review cycle

POKEPAY APP (QR PAYMENT AND E-WALLET APP)

- Led a team of 3 developers, 1 designer and 2 QA in rebuilding the old app from scratch using ReactNative + NativeBase + RTK Query (~400k users) Links: [Android](#), [iOS](#)
- Integrated new top-up methods including Bank Pay and convenience store top-up via Seven-Bank ATMs. Also added a topup lottery feature with our internal lottery system.

POKEPAY ENTERPRISE ADMIN

- Added new features (dashboards, tables forms), refactor and standardize design and components in React + Redux + Typescript + styled-components
- Integrated Storybook and foundational design system and tokens for consistent designs and component library development
- Developed backend API integration for payment terminal devices (PayRegi, Smaregi) using CommonLisp

EXTERNAL SDKS AND PROJECTS

- Maintained and developed new endpoints for our Android, iOS and Flutter SDKs using Java, Swift and Dart respectively. Links: [Android](#), [iOS](#), [Flutter](#)
- Collaborated with external developers to develop the payment app of Shibuya-ku, [HachiPay](#)

1 YEAR
Jun 2022 –May 2023

SOFTWARE ENGINEER AT 株式会社 ICHIGO *Full Stack Web Development; Tokyo, Japan*

- Facilitated daily stand-ups, biweekly sprint meetings, and sprint planning sessions for developers in Tokyo and Jakarta.

SUBSCRIPTION BOX SITES

- Maintained and developed new designs and features from Figma using Next.js, TypeScript, styled-components, and Prismic CMS ([TokyoTreat](#), [YumeTwins](#)), and Webflow ([Sakuraco](#)).
- Led SEO improvement initiatives by updating meta tags, headings, image alt attributes, sitemaps, and 301 redirects, and refining content keywords using data from Google Search Console.

IN-HOUSE ERP AND WAREHOUSING SYSTEM + API

- Maintained and developed new features and GraphQL APIs with Ruby on Rails, integrating with third-party APIs such as Shopify, Chargebee, Lootly, Stamped.io, and Prismic.

3 YEARS
Jul 2019 –Jun 2022

APPLICATION DEVELOPER AT STRELLA CONSULTING *Web and Hybrid PWA Development; Selangor, Malaysia*

Part Time (Jul 2019 –Jun 2020) | Full Time (Jul 2020 –Jun 2022)

SMURPS ERP SYSTEM

- Developed system enhancements based on client requirements using open-source Python and JavaScript frameworks (ERPNext and Frappe).
- Built report tables and dashboards using the above frameworks and MySQL, and designed custom document print formats using Jinja templating.
- Mentored junior developers and created onboarding documentation for new team members.

SMURPS PWA

- Led a team of three developers in building a hybrid Progressive Web App (PWA) from design to deployment.
- Designed app flow, wireframes, and prototypes using Adobe XD.
- Architected and developed the application using React, TypeScript, and Ionic for the frontend, with Frappe, PouchDB/CouchDB, and Workbox for backend and offline functionalities.

EDUCATION

Feb 2017-Jun 2020	BACHELOR OF SCIENCE IN COMPUTER SCIENCE (HONS) Monash University Malaysia Campus (Feb 2017 - Jun 2019) Australia Campus (Jun 2019 - Jun 2020) Final Year Project: Lung cancer detection using image processing on CT scan images
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TECHNICAL SKILLS

FRONTEND:	HTML/CSS/Javascript, Typescript, React.js, Next.js, Redux, RTK Query, ReactNative, Dart (Flutter), Swift, Prismic CMS, Bootstrap, Material-UI, Ionic, Django (Jinja), TeX (LaTeX), Storybook
BACKEND:	Python (Flask, FastAPI, Django), Frappe (ERPNext), Ruby, Ruby on Rails, Java, Node.js (Express), SQL, CouchDB (PouchDB), AWS S3/EC2/ECS
API:	Zoom, AirTable, Zapier, Stripe, Klaviyo, Shopify, Chargebee, Lootly, Stamped.io
OTHER:	Figma, Adobe XD/Photoshop, Git (GitHub, GitLab), Docker, Microsoft Office, Asana, Linear, ClickUp, Notion, Slack, Scrum, Webflow, WordPress, SEO

LANGUAGES

ENGLISH: Fluent, Native	MALAY: Fluent, Native	JAPANESE: Enough to survive day to day
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COMMISIONED PROJECTS

REALTORFIELD	Real Estate CRM CRM developed in Next.js + ChakraUI
PETRONAS	Petronas MyProData GIS dashboard for seismic and petroleum well data developed in Next.js

PERSONAL PROJECTS

SIMPLYJAPANESE	Japanese Text Simplification MVP React (styled-components) + Python (Fast API)
I18N FORM	Dynamic form translations POC using LLM React + Node (Express) + Grok API

* Click the blue links above to redirect to the respective websites and codes (except commissioned due to NDA) on my [GitHub](#)