

Sean Ho

Senior Front End Developer at Deriv Services

Education

University of Bath, Bath Sep 2015 - Jul 2019
MEng (Hons.) Chemical Engineering

Experience

Deriv Services, Cyberjaya Oct 2020 – Present
Senior Frontend Developer

- Built POCs to validate business requirements.
- Aided in formulating new front end project's tech stack.
- Built pre-commit internal plugins for automating team's asset compression process to improve development workflow.
- Lead the TypeScript migration process of our Deriv.com project.
- Mentored juniors and perform daily code reviews in addition to maintaining code quality throughout the codebase.

Frontend Developer

- Built an interface integrating a headless-CMS for connecting content creators in publishing content on our Gatsby site.
- Engineered and maintained new features of Deriv's customer-facing static site & web app using React, Gatsby, MobX and our Deriv WebSocket-based API.
- Interfaced with QA engineers and UI/UX designers to ensure thoughtful and coherent user experiences across Deriv's platforms.
- Improved static site performance by removing redundancies with code splitting, lazy loading and asset optimisation. Successfully reduced web bundle size by approximately 40%.
- Managed weekly codebase releases and in charged of keeping project dependencies up to date.
- Taught and mentored approximately 50 young fresh graduates on front end technologies in our yearly [BeSquare graduate programme](#).

Aker Solutions, Kuala Lumpur Nov 2019 – Oct 2020
Process Engineer

- Process Engineer for the bid engineering & cost estimation of the \$2bn. Petrobras Mero-3 FPSO project up to project award for the detailed design.
- Collaborated hand in hand with MISC Berhad during the design phase.
- Prepared P&IDs utilising COMOS and assigned as COMOS superuser for project maintenance.
- Prepared simulation cases utilising HYSYS according to client's technical specification.

Johnson & Johnson, PJ May 2018 – Sep 2018
Packaging Engineer Intern

- Conducted qualification tests for new packaging materials to be released in the Asia Pacific region.
- Performed process validations of new packaging line for the production plant to accommodate new sachet products for the Filipino market.

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Computing Skills

Programming Languages:

JavaScript, TypeScript, NodeJS, HTML, CSS/SCSS, Ruby

Libraries & Frameworks:

React, Redux, MobX, Gatsby, NextJS, Ruby on rails, Framer-Motion, Tailwind CSS, Styled-Components, Formik, jQuery, Material-UI, Bootstrap, GraphQL

Tools & Platforms:

Command Line, Git/Github, Wordpress, NPM, Figma, Vercel, Netlify

Projects

Personal Website

- Portfolio site created to showcase my skills and personal projects.

Technologies used:

- Gatsby, Styled-Components

Ignite Website

- A one-stop-shop site for the Ignite Youth Leadership Summit event housing event registration, account creation, protected routes & CMS integration.

Technologies used:

- NextJS, Styled-Components, Firebase, Formik, Yup, Framer-Motion, Prismic

Deriv.com Website

- Deriv's multi-lingual main client facing website that delivers information, customer support and also the account creation process.

Technologies used:

- Gatsby, Styled-Components, Directus, Formik, i18next

Deriv Trading App

- Deriv's financial trading platform which offers various asset classes along with customisable charts and a great trading experience.

Technologies used:

- React, MobX, Deriv API

Trello Clone

- A web-based, Kanban-style, list-making application that allows you to create new lists and drag & drop each item from one list to the other.

Technologies used:

- React, Redux, React Beautiful Dnd, Material-UI

Budget App

- A budgeting web application that tracks income & expenses along with providing some infographics.

Technologies used:

- HTML, CSS, JS

References Available Upon Request