

# Sean Ho

Front End Developer Team Lead  
at Deriv Services

## Education

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

## Experience

**Deriv Services, Cyberjaya** Oct 2020 – Present  
*Frontend Developer*

- Built an interface integrating a CMS for connecting content-writer & creators in publishing blog posts & videos on our site
- Engineered and maintained new features of Deriv's customer-facing static site & web app using React, Gatsby, MobX and our in-house WebSocket 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.

**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.
- Conducted general inspection on packaging materials to minimise defect proportions on incoming stock.
- Verified colour specification of new packaging materials from local suppliers.

**Accenture Solutions, KL** Jul 2016 – Sep 2016  
*Business Analyst Intern*

- Product repricing project with Prudential Assurance Malaysia Berhad.
- Executed User Acceptance Testing (UAT), both functional and end-to-end validations, to confirm that all business requirements are met, system and process fit for deployment into production.
- Bridged gap between business users and offshore technical team in China Delivery Hub to create the solution design.
- Developed an on-boarding deck and training slides for newcomers onto the project.

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## Computing Skills

### Programming Languages:

JavaScript(ES6), Typescript, HTML, CSS/SCSS

### Libraries & Frameworks:

React, Redux, MobX, Gatsby, NextJS, Framer-Motion, Tailwind CSS, Styled-Components, Formik, Yup, jQuery, Material-UI, Bootstrap, NodeJS, GraphQL

### Tools & Platforms:

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

## 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 route & 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