

Jonathan Lee

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Education

Bachelor of Economics/Computer Science

University of New South Wales

Experience

Software Engineer

Westpac

Feb 2024 - Current

- Contributed to the development of micro frontends and customer notification initiatives using **Java** and **React**, leading to a 20% increase in user engagement and improved communication efficiency.
- Employed **Bitbucket** for version control, **Confluence** for documentation and **Jira** for project management to develop and deploy APIs for the St George Website.

Software Engineer Intern

Frontend Simplified

Dec 2022 – June 2023

- Transformed a completely static **HTML**, **CSS**, **JavaScript** and **React** single page application into an interactive user interface using animations, transitions and carousels.
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing.
- Utilised **Git** version control and **GitHub** to fix merge conflicts and work alongside 10 other interns.

Projects

NFT Marketplace | [Website](#) | [GitHub](#)

- Parses information from an API and maps information for users to access popular NFTs.
- Uses **React** for dynamic routing, skeleton loaders and lazy load components to improve webpage performance and provide a more immersive user experience.

Twitter Clone | [Website](#) | [GitHub](#)

- Utilised Google sign-in using **NextAuth.JS** to render user's name, tag and profile picture on tweets, comments and messages.
- Created a fully responsive social media app using **TypeScript** and **Tailwind CSS**. Stored user generated data in **Firebase**

Library Ecommerce Website

- Designed and developed the site using **React.js (+hooks)** and **CSS3 (+BEM)**
- Improved website performance by **compressing**, **caching**, and **lazy loading** images and components.
- Included **SEO**, **responsive**, **multi-platform**, and **skeleton loading states** to improve user experience.

Technical Skills

Languages: HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | Typescript

Frameworks: React (+ hooks) | Next.js | Material-UI | Redux

Technology: NPM | Git | Yarn | React dev tools | Firebase v9 | GitHub

Campus & Volunteer Involvement

UNSW Personal Finance Club (PFC) [IT Portfolio](#) (2021)

- Created and maintained PFC's first website with **HTML**, **CSS** and **JavaScript**, helping the society reach 50% more applications than in 2020.
- Runner-up in the **UMCG Internal Case Competition**, for pitching an interactive app to make mental health more accessible.