Jack Chu

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LinkedIn

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EDUCATION

The University of Auckland:

Bachelor of Engineering (Hons.) *in Software Engineering*
March 2019 – November 2022

Junior Software Engineer with **3+ years of experience** in building **scalable UI components** and developing **robust frontend solutions**. Passionate about clean code, agile development, improving development processes, and learning.

EXPERIENCE

Junior Software Engineer at Clearhead *(2021 – 2025)*

- **Completed a 12-week internship as a full stack engineer**, followed by part-time work throughout 2022 while completing final year of study.

- Returned as a full-time **Graduate in 2023**, promoted to **Junior Software Engineer in 2024.**

- Collaborate in an **Agile environment**, participating in weekly sprints, and daily stand-ups.

- **Developed and maintained responsive web pages** using **TailwindCSS** and iterative **Figma** designs.

- Designed and developed new **API endpoints** across multiple backend repositories.

- Wrote **frontend unit and integration** tests using **Cypress**, deployed using **Github Actions.**

- Built a **UI component library** with **Storybook integration**:

  o Created, migrated, refactored components for consistency across multiple repositories**.**

- Integrated with Storybook for **improved testing** and **streamlined UI visualisation**.

- Developed an **internal tool that increased productivity** for non-technical team members:

  o Designed a UI supporting **CRUD operations** with advanced search and filter functionalities.

  o Streamlined company-wide workflow by optimising internal processes, **increasing productivity by 32%** *(metric comes from comparison of ticket completion between quarters).*

  o Utilised **Zustand** for global state management, and **drizzle ORM** for efficient database interactions.

  o Leveraged **Next/UI** to accelerate component development and improve consistency.

- Continuously resolved bugs and **implemented UI enhancements** based on feedback.

- Tech stack: **React**, **Next.js, JavaScript**, **TypeScript**, **Java**, and more.

SKILLS

- **Frontend:** React, Next.js, Next/UI, JavaScript, TypeScript, HTML, CSS, TailwindCSS, Storybook
- **Backend / DB:** Node.js, Java, SQL, PostgreSQL, DBeaver, Drizzle ORM, RestAPIs
- **Testing & Tools:** Cypress, Zustand
- **Other:** General web development / design, mobile application development, Figma, Sanity, Vercel

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References available upon request