

Brian Lau

Software Engineer, Frontend

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WORK EXPERIENCE

Frontend Developer, Data.ai

Nov 2021 – Jun 2023 (1 yr 8 m)

Data.ai combines consumer and market data with AI to gain insights into the mobile industry

- Actively participated in the development of the free tier product line, delivered features such as IAP Renvue, Portfolio-Analysis, Review Management, and Connections Integration
- Led frontend development of the review system, overseeing a team of 2 frontend engineers (IC3 and IC2)
- Led the frontend development of the magic-link login feature
- Implemented Google Play integration. Reduced support tickets by 70% after launch¹
- Implemented minor changes that resulted in a 580% increase for Admox integration²
- Engaged in code review processes, both as a reviewer and a reviewee
- Maintained 100% test coverage for code quality and reliability
- Presented technical topics to approximately 15 engineers during internal conferences
- Worked collaboratively with cross-teams, including FE, BE, design, PM, TPM, QA, and data science
- Tech: TypeScript, React, Next.js, Jest, React Testing Library, AQL (an internal alternative to GraphQL), Styled-component, Storyblok

Frontend Developer, Spindle Inc.

May 2021 – Nov 2021 (6 m)

Spinndle enhances student achievement through assessment

- Led frontend feature development
- Improved code base quality in areas such as design system, type safety, tests, packages
- Tech: React, Redux, TypeScript

Frontend Developer, Hanson Robotics Limited

May 2018 – Sep 2020 (2 yr)

Hanson Robotics combines AI and robotics to create machines with social intelligence

- Led the frontend of an internal control interface system
- Built features such as servos configurations page, servos real-time status, event-based prompts, webcam real-time, integrations, chat prompt improvements
- Demo to 100+ events globally, including CES 2019, The Tonight Show, WorldSkills Kazan 2019, etc
- Onboarded and mentored new 3 engineers
- Achieved 100% business objective on every quarterly performance report
- Achieved 96% client satisfaction rate
- Tech: Marionette.js, [Robot Operating System](#), Node.js, JavaScript, Ubuntu 16.04

1. Ticket count from 164 to 46, compared to the same month in the previous year (2021)

2. Connection count increased from 1,893 Jan to 11k July 2022

Frontend Developer, Direct Focus Online

Direct Focus Online is an E-commerce company

Dec 2017 – May 2018 (6 m)

- Developed E-commerce templates based on DotCMS
- Tech: DotCMS, JQuery, JavaScript

TECHNOLOGIES & SKILLS

Programming	JavaScript, TypeScript
Web	HTML, React, React Query, Next.js (v12), Solid.js
Style	CSS, Material UI, Styled Component, StoryBlok
Test	Jest, React Testing Library, Cypress
Tool	Git, NeoVim, Raycast, Slack, Jira, Figma
Misc	A/B testing, Accessibility, Code Review, Design System, Mentorship

SIDE-PROJECTS

Personal Website

A personal website built with Next.js and TypeScript

Features include: dark mode, mini-apps, snippets, blogs, tests, GitHub actions and automated deployment

Blog

Written 10 articles on various technical topics related to frontend development

Recent blogs include: [JSX](#), [Code Reviews](#), [Introduction to Testing in React](#)

Mentorship

Provided accessible mentorship with a focus on front-end development via [ADPList](#)

Mentored 50+ sessions, 50+ mentees and 3000+ minutes, and 4.83/5 satisfaction (18 reviews)

INTERESTS

Camping, coffee, books and split-keyboard. Ask me anything about them :~)