

# Boon Kerk Zhan

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## Experience

### Fazz Financial Group

Software Engineer

October 2022 - Present

- Led the creation and implementation of a design system for Fazz Business' customer-facing app using React, Typescript, and Storybook. This improved the developer experience and allowed developers to focus on building features at a higher velocity.
- Championed the optimization of the codebase for improved efficiency, scalability, and ease of maintenance by setting rigorous standards and conventions for the integration of React Query.
- Implemented error monitoring using Rollbar and Microsoft Clarity, proactively identifying and resolving issues, including React rendering errors, crashes, and API issues.

### Bump Bouldering

Front End Developer / Programs Executive / Routesetter

November 2021 - May 2022

- Developed a new website to improve the flow of user experience using React, TailwindCSS, and Gatsby.
- Crafted, executed, and documented coaching programs for beginner and casual climbers.
- Served as the primary support to the Head Routesetter, consistently setting indoor boulder problems on a weekly basis.

### Omni Cables

Founder

January 2021 - December 2021

- Recognized an untapped market opportunity and founded the first company in Southeast Asia to offer affordable paracord cables for gaming mice.
- Founded and moderated the first Mouse Enthusiast group in Malaysia which has amassed 2500+ members.
- Generated over 2000% profit from initial capital from online sales within the first year.

### NightMorning Studios Sdn. Bhd.

Web Developer Intern

October 2020 - January 2021

- Learnt the foundations of HTML & CSS and explored frameworks such as React and Gatsby.
- Assisted the CEO in developing microsites and landing pages for their events and clients in React and Gatsby.

## Projects

### Hit The Score Quiz App & Admin Dashboard (UNITAR)

Full Stack Developer

- Engineered a quiz application in React, TailwindCSS, and Gatsby. Integrated user authentication through Netlify Identity.
- Created a comprehensive admin dashboard in React Admin and MongoDB, granting teachers precise control over quiz details and access to user data and scores.

### JainBot

Software Engineer

github

- Developed a Discord bot in Node.js using Discord.js SDK, automating daily updates extraction from a specified website, particularly focused on repacked games.
- Hosted on fly.io with a scheduled cron job that runs every midnight.

## Skills

### Programming Languages

Typescript, Javascript, HTML, CSS, Ruby, C#

### Technologies

React, NextJS, Tailwind, React Query, Node.js, Gatsby, MongoDB, Supabase, Netlify, Rollbar, Sentry, Microsoft Clarity,

### Software

VS Code, Figma, Photoshop, Illustrator, Word, Excel,

## Languages

English

Native

Bahasa Malaysia

Fluent