Himchan Bae

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Summary

Web & App Developer | Web Full-Stack Developer | Software Development Minor | High Achieving IT Student

I'm a recent graduate of the Bachelor of Information Technology program at Macquarie University, majoring in Web and Application Development with a minor in Software Development. Growing up in South Korea, I bring a multicultural perspective and a global mindset to my work.

I'm eager to kickstart my career in web development, app development, or other IT-related fields. While I am particularly passionate about web frontend development, I am also capable of handling full-stack development.

Career history

IBM OHP UX/UI (Industry Project) at IBM
Jul 2024 - Dec 2024 (6 months)

In this project, I worked on developing the "Allergy" section for the Open Healthcare Platform (OHP). The goal was to securely manage sensitive healthcare data and ensure interoperability with other modules. We aimed to create a user-friendly interface that aligned with the existing "Vaccinations" and "Scheduling" sections, all while adhering to FHIR standards.

My Role

I was part of the UX/UI team, but I didn't want to stop at just frontend development. I saw this as an opportunity to apply my full-stack development skills. I took the initiative to integrate the frontend with a backend server using Next.js and MongoDB, and successfully implemented features like:

User authentication: Login, signup, and profile management.

Appointment scheduling: Booking, access control between doctors and patients, and real-time updates.

User dashboard: Appointment confirmation, modification, and cancellation.

Key Achievements

Delivered a clean, intuitive user interface focused on enhancing the user experience.

Successfully bridged the gap between the frontend and backend, implementing core features that added real value to the platform.

Quickly learned and applied new tools and technologies, going beyond the original project scope.

What I Learned

This project taught me the importance of team collaboration and problem-solving in a real-world environment. Applying what I learned in university to an industry-level project gave me a better understanding of how things work in practice. I also loved the challenge of picking up new technologies and putting them to use. It was a rewarding experience that boosted my confidence and prepared me for bigger challenges ahead!

Sushi Maker at Hero Sushi
Aug 2022 - Jul 2023 (1 year)

Skills

Sushi Preparation, Java Programming, JavaScript Programming, HTML, CSS, Figma, Flutter, IBM Carbon Design System, React.JS, Node.JS, Express.JS, Next.JS, Fullstack Web Development, Mongo Db

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Languages

English, Korean

Education

Bachelor of Information Technology from Macquarie University
Finished 2024
Bachelor of Information Technology

Major: Web and Application Development

Minor: Software Development

Academic Achievements:

HD Average | Merit List 2023 | Highest Achiever (Ranked 1st out of 1,500+ students)

Highest Achiever (2023, 2024)

Ranked 1st in STAT1170

Ranked 1st in COMP3770