Hyun Heather Park

Software Engineer

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Professional Summary

Master of Information Technology graduate with a specialisation in Software Development and a growing focus on full-stack engineering. Experienced in developing responsive, accessible, and scalable web applications using modern frameworks such as React 19, Next.js 15, and TypeScript. Completed a frontend development internship at Nabi & Co, contributing to both user-facing and admin features for an interactive language learning platform. Now expanding backend expertise with Node.js, PostgreSQL, and API integration to deliver end-to-end solutions. Committed to writing clean, maintainable code and collaborating effectively in Agile teams to build meaningful digital products.

Education

Master of Information Technology   Mar 2022 - Feb 2024

University of Technology Sydney, Sydney, Australia

- Majored in Software Development with high distinction average (89.4%) (GPA 6.81)
- ServiceRocket Internet Programming Prize 2024
- UTS Tech Festival Software Engineering Showcase - Best Project Award (Interface/Design) 2024
- Dean's List 2024, 2023 (Academic Awards)

Bachelor of Education   Mar 2015 - Feb 2020

Presbyterian University, Seoul, Korea

- Majored in Education
- Served as Department Representative for the Education Department, leading students and organising events, improving communication between students and faculty

Technical Skills

- **Programming Languages**: TypeScript, JavaScript, Python
- **Web & App Development**: React, Next.js, Tailwind CSS, HTML5/CSS3, Responsive Web Design, RESTful APIs
- **Backend & Databases**: Node.js, MongoDB (Schema Design, CRUD Operations), PostgreSQL
- **Version Control & Dev Workflow**: Git, GitHub, Jira, Postman
- **IDEs & Developer Tools**: Visual Studio Code, Cursor, Vercel
- **Design & Prototyping**: Figma (UI Implementation from design specs)

Work Experience

Frontend Developer Intern   Dec 2024 – Present

Nabi & Co, Remote, Sydney-based

- Contributed to a Japanese language learning platform built with Next.js 15, React 19, TypeScript, and Tailwind CSS, enabling interactive comic-based language study.
- Designed and implemented responsive, accessible UI components and pages (e.g., Signup, Profile, Episode List, Feedback).
- Structured PostgreSQL schemas to manage purchased content, feedback, and user progress.
- Developed and connected frontend and backend via data access layers (DAL) for smooth server-client interactions.
- Built admin features to view/delete users, monitor feedback, and manage bug reports.

● Collaborated in an Agile environment using Jira; followed Figma design specs and participated in sprint planning and regular team/client meetings.

Store Supervisor   Sep 2023 – Present
Noia Coffee, Sydney, Australia
● Systemised workflows to improve efficiency, trained new staff on service standards, resolved customer inquiries, and collaborated with management to optimise operations.

Store Supervisor   Dec 2021 – Sep 2023
Normcore Coffee Roasters, Sydney, Australia
● Supervised daily operations, managed inventory and supplier coordination, trained and mentored staff, and assisted in hiring to maintain efficiency and uphold company standards.

Visual Content Designer   May 2020 – Aug 2020
Jblue Harvest, Coffs Harbour, Australia
● Created visual content for recruitment campaigns and social media using Adobe Photoshop, supporting brand communication and improving user engagement. Gained hands-on experience with visual storytelling and design consistency — valuable for frontend/UI work.

Freelance Visual Designer   Mar 2016 – May 2020
Self-employed, Seoul, Korea
● Designed custom catalogues, booklets, and event posters for recitals and conferences, balancing client requirements, brand consistency, and user readability. Managed all communication and delivery independently, consistently meeting deadlines. This experience shaped my attention to visual hierarchy and clear information flow — skills I now apply to frontend development and user interface design.

Projects

Japanese Learning App [🔗]s
● Collaborated on a Japanese education platform where users learned through interactive comics with audio, text, and pop-up explanations.
● Built and connected reusable components using Next.js, TypeScript, and Tailwind CSS, applying type-safe state management for scalable front-end architecture.
● Designed PostgreSQL schemas for user profiles, feedback, and account management, and implemented data access layers to support smooth server-client interactions using useActionState.
● Used GitHub for collaborative version control and Jira to follow sprint tasks in an Agile environment, regularly receiving code reviews for feedback and improvement. Participated in meetings with designers and developers to align on implementation, translating Figma designs into responsive user interfaces.

Coffee Roastery Mock Shopping Mall [🔗]
● Developed an e-commerce web application for a coffee roastery using React, Firebase, Cloudinary and Tailwind CSS.
● Implemented features including category-based product pages, shopping cart functionality, and user authentication.
● Focused on building responsive layouts with intuitive navigation to ensure a smooth user experience.

Youtube Clone [🔗]
● Developed an e-commerce web application for a coffee roastery using React, Firebase, Cloudinary and Tailwind CSS.
● Implemented features including category-based product pages, shopping cart functionality, and user authentication.
● Focused on building responsive layouts with intuitive navigation to ensure a smooth user experience.

Momentum App Clone [🔗]
● Recreated the Momentum dashboard using JavaScript, CSS, and LocalStorage, featuring a to-do list, weather widget, and motivational quotes. Strengthened understanding of API handling and local data persistence for improved user interaction.