

Joonsung Byun

FULL-STACK ENGINEER

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Portfolio

EDUCATION

UTAH VALLEY UNIVERSITY

Cumulative GPA: 3.85

Expected Graduation: April, 2025

Awards & Honors: Dean's List 2024 Spring, 2023 Fall, 2023 Spring, 2023 International Academic Scholarship

SKILLS

React.js, Node.js, Express.js, Next.js, Svelte, SvelteKit, Supabase DB, Mongo DB, ES6 JavaScript, EJS, Tailwind CSS, SASS/SCSS, HTML, CSS, Git

CORE WORK EXPERIENCES

Utah Valley University College of Engineering & Technology Lab

Web Development Tutor

SEP2024-CURRENT

- Provided assistance and guidance to students in web development courses.
- Supported students in understanding core web development concepts and troubleshooting issues as an academic web tutor.

Utah Valley University E2I, Innovation Academy

Front-end Developer

FEB2024-MAY2024

- Integrated Axios library for API requests and implemented token storage in cookies for secure session management. Ensured seamless communication between frontend components and backend endpoints.
- Collaborated with designers to build responsive dashboard pages optimized for desktop and mobile users. Focused on clean, reusable code to improve maintainability and scalability.
- Worked alongside backend developers to debug and test API interactions during development. Contributed to team discussions to align project requirements and resolve technical challenges.

Korean Institute of Information Scientists and Engineers

Web Publisher

MAY2024-JULY2024

- Designed and developed promotional webpages for KIISE's academic conference, successfully attracting over 5,000 views. Ensured the webpage effectively showcased event details to engage the target audience.
- Focused on modernizing legacy code by converting outdated HTML4 to HTML5 and CSS. Enhanced maintainability and browser compatibility to meet current web standards.
- Prioritized clean, reusable code to facilitate future updates and edits. Ensured alignment with the organization's goals through collaboration with stakeholders.

OUTSTANDING PERSONAL PROJECTS

NodeTrip

- Built a full-stack travel experience sharing website for users who enjoy traveling using Express.js
- Developed functionalities for liking, commenting, signing up, logging in, and posting.
- Created an AI-powered travel plan recommendation feature on the Recommendation page using the OpenAI API.
- <https://numerous-marmoset-joonsungbyun-63fac5da.koyeb.app/>

Radiance

- Developed a React-based online shopping mall site using Next.js.
- Implemented features such as a shopping cart, review comments, and social login functionality.
- Leveraged Next.js Server Components to implement server-side rendering, improving site performance and search engine optimization (SEO). Gained hands-on experience with advanced rendering techniques.
- <https://radiancejoonsung.netlify.app/>