

Executive Summary

Creative, detail-oriented, and dedicated software engineer looking to provide companies and their customers with powerful experiences.

Accomplishments

- Developed a solution displaying **meteorite landing locations**, resulting in a successful showcase for dev.to.
- In less than three weeks, developed a **greenfields presentation app** with under 1 day notice, resulting in successful presentation by client to their customers.
- Developed a Vue.js-based **mental health assessment tool** for MVM Industries (featuring a PHQ-9 questionnaire) resulting in potential customers' **effective mental health screenings**.
- **Engineered a React-based wiki platform** focused on combating COVID-19 misinformation, aiding in **accurate and reliable information**.
- Collaborated with a **distributed team of international developers** during a two-day sprint at 100Devs, contributing to the development of the **Book Store application**.

Work Experience

Software Engineer at 100Devs (Contractor), Los Angeles, CA • 10/2020 - Present

- Collaborated with a team of international developers to build modern and responsive web applications using best practices.
- Built semantically structured fullstack web applications.
- Applied agile methodologies (SCRUM) for project management.

Bioinformatics Project (Contractor) at MVM Industries, Phoenix, AZ • 4/2023

- 1 Month Contract for demo project for quickly providing mental health services for customers
- Developed a Vue.js-based mental health assessment tool featuring PHQ-9 questionnaire resulting in effective mental health screening.
- Developed user-friendly acclaimed in a mental health presentation, earned positive feedback from users due to its innovation and impact.

Software Engineer at Withfirst, Naju, South Korea • February - 3/2023

- Migrated a legacy HTML application to a modern Vue.js framework, achieving a twofold increase in performance efficiency. This upgrade notably halved the app's load times, significantly enhancing user experience.
- Collaborated closely with the CEO to ensure a seamless transition focusing on precise user interface conversion.

Software Engineer at NOAA SNC, Gwangju, South Korea • 9/2022 - 12/2022

- Managed and updated front-end components of key government projects, ensuring optimal experience.
- Developed precise geographic functionalities in the front-end using JavaScript, guaranteeing accurate map location pinpointing.

Technical Proficiencies

- Native English Speaker; Conversational in Korean
- Web Development (HTML, CSS, JavaScript, React, Vue.js, Nuxt.js), CSS Frameworks (Bootstrap, Styled Components)
- Back-End (Node.js, Spring),
- Version Control (Git, GitHub)
- Databases (MongoDB)
- Development Tools (Vite, Nuxt.js)
- Verbose and experienced in cross-functional, globally-distributed teams in multiple time zones

Projects

Project Shelf (Fullstack Web App)

- Aimed to enhance user satisfaction on a React-based website.
- Tasked with improving the website's navigation system.
- Collaborated with an international team to create intuitive navigation buttons, focusing on a user-friendly approach.
- This led to significant improvements in the website's usability, positively impacting user satisfaction.

Book Store App (Fullstack Web App)

- Identified a need to help students manage educational costs.
- Collaborated with an international team to create a responsive website using JavaScript.
- Contributed to the development of a platform for comparing and purchasing affordable university books, and facilitating book resales.
- The website effectively reduced students' educational expenses by simplifying access to cost-effective textbooks.

NASA Space API App

- Needed a tool for users to access historical space photographs.
- Develop an application with a feature to explore NASA's space image archives using JavaScript.
- Integrated a NASA API and designed an interactive date-selection feature for the app, enabling research and access to photos over several decades.
- Successfully enabled users to easily navigate and explore extensive space photography archives, enhancing educational and research capabilities.

Education

B.A. Interdisciplinary Studies | Arizona State University | Phoenix, AZ | May 2011

Certified Web Development | Chingu | 9/2023