Eunbean Kwon

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PROFESSIONAL EXPERIENCES

LUASOFT   **Yongin, Gyeonggi, Korea**
Software Engineer   **Feb. 2024 – Aug.2024**
- Refactored and optimized Samsung's AI voice assistant Bixby's voice recognition logic using JavaScript, reducing processing latency by 15% and improving system responsiveness through systematic problem-solving.
- Led debugging efforts in collaboration with the QA team to debug and fix 50+ major logic errors using object-oriented design principles, making the AI assistant more stable and reliable.
- Increased Bixby's voice command recognition accuracy from 60% to 85% by optimizing training data and applying structured NLP training methods, following Bixby's Training Best Practices.

VIEWCOMMZ   **Seoul, Korea**
Front-End Developer   **Sep. 2023 – Dec. 2023**
- Developed the initial prototype of Gling, a web novel serialization platform that enables creators to publish and monetize their work, using Next.js and TypeScript, within a 10% shorter launch time than company average.
- Developed an internal company blog using Next.js, TypeScript, and Lexical Editor library, implementing full CRUD operations to support content management for internal updates and announcements.
- Designed and implemented a CI/CD pipeline using GitHub Actions by automating build, test, and deployment workflows, increasing deployment frequency by 57% and reducing manual errors.
- Enhanced the internal design system by refactoring reusable UI components and optimizing code structure, reducing development time for new feature implementations by 43%.

LUASOFT   **Yongin, Gyeonggi, Korea**
Software Engineer   **Jul. 2022 – Jan. 2023**
- Optimized Bixby's voice recognition and feedback UX by refactoring loops and closing events in the codebase, improving Bixby's response time and increasing voice command accuracy by 40%.
- Conducted comprehensive cross-platform testing on various Samsung devices, ensuring consistent performance and compatibility across 8 product categories such as refrigerators, washing machines, robot vacuums, air conditioners, etc.

PROJECT EXPERIENCES

TUTICE
Front-End Developer   **React, TypeScript, Vite, Styled-Components, Recoil, React-Query**
- Developed a PWA-based tutoring management service, enabling tutors and students to manage schedules efficiently.
- Implemented OAuth-based social login (Naver, Kakao) for streamlined user authentication and improved accessibility.
- Refactored the existing codebase by extracting shared logic into custom hooks and creating reusable UI components, reducing redundant code by 30% and enhancing maintainability and performance.
- Led daily stand-up meetings to keep team members informed about project progress, discuss any challenges they faced, and find solutions to improve efficiency.

BBOGAK
Front-End Developer   **Next.js, TypeScript, Tailwind CSS, Radix UI, Storybook, React-Query**
- Developed a job application hub that provides applicants with a one stop shop for saving job postings of interest and adding relevant notes, preparatory strategies, and post-interview reflections to them.
- Built a scalable and SEO-friendly web app using Next.js and TypeScript, ensuring fast performance and optimal search visibility.
- Built Bbogak's entire UI from the ground up leveraging modular elements powered by Tailwind CSS and Radix UI, enhancing design consistency and speeding up development.
- Integrated Storybook to streamline UI component testing and documentation, enhancing development efficiency.

EDUCATION

Duksung Women's University | Library and Information Science   **Seoul, Korea | Mar. 2019 – Aug. 2024**
- Graduated with a major in Library and Information Science and a minor in Computer Science.

SKILLS

Tech Skills
- JavaScript (ES6+), TypeScript, React, Next.js, RESTful APIs, React Query, Context API, Recoil, Sentry, Webpack, Vite, CI/CD (GitHub Actions, Vercel, Netlify), Styled components (Emotion), Tailwind CSS, Responsive Design and HTML5, Agile Methodology

Design and Collaboration Tools
- Figma, Photoshop, Git, GitHub, Google Analytics, Component-Driven Development