Yeonsuk (Owen) Yoo

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Software Engineer

PROFESSIONAL EXPERIENCE

Software Engineer Jun 2021 − Nov 2022
Coxwave (Align AI) Seoul, Republic of Korea

- Planned, architected and implemented the User App Demo feature, relevant UI components and admin page in Manta, an AI API platform using TypeScript, React, Next.js and RESTful APIs
- Developed two AI-powered web applications, Hama and Enterpix, in responsive design with cross-browser compatibility; scaled to 1.3M+ users; sold to Sandoll Metalab
- Designed and developed four AI-based web applications using cloud platforms (AWS, Google Cloud Platform, etc.) for the AI seminar held at LG Electronics; implemented APIs and service layer
- Proposed and implemented a progressive web application (PWA) for internal use to streamline process of reimbursement claims and save employees time
- Built and shipped two versions of the corporate website using Next.js, TypeScript and Tailwind CSS
- Took charge of building the design system with two designers using Figma to enhance the productivity of the design and development process
- Spearheaded running a class to teach HTML and CSS for designers to improve Figma skills and promote effective communication between the engineering team and the design team

SKILLS

Programming Languages
JavaScript (ES6+), TypeScript, HTML, CSS

Libraries & Frameworks
React, Next.js (v14+), Redux, Tailwind CSS, SASS, Jest, React Testing Library, Cypress, NodeJS

Tools & Platforms
Git, GitHub, Vercel, Netlify, AWS, Google Firebase, Sanity, Figma, VSCode, Postman

EDUCATION

Master of Information Technology in Software Development Aug 2021 − Jun 2024
University of Technology, Sydney NSW, Australia

Center for English Language & Orientation Programs (CELOP) Sep 2016 − Dec 2016
Boston University MA, USA

Bachelor of Political Science and Economics Apr 2012 − Sep 2018
Waseda University Tokyo, Japan

ADDITIONAL ACTIVITIES

Dev Study Group Jan 2024 − Present
  NSW, Australia

- Lead a group of six postgraduate students and graduates of UTS to help become IT professionals
- Run a weekly session teaching JavaScript, algorithms, data structures, Git & GitHub and React with original teaching materials both online and offline
- Mentor members by assigning homework/tasks and reviewing the source code of personal projects