

Soo Jee Park

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SUMMARY

A Full Stack Engineer from a non-traditional background with a passion for building apps, UI/UX design, and all things tech. In a way, programming has become my outlet for problem-solving and creative expression. In my spare time, I enjoy baking, watching crime shows, and playing games.

TECHNICAL SKILLS

Languages | [TypeScript, JavaScript (ES5, ES6), CSS, HTML] **Frameworks/Libraries** | [Bootstrap, Express, Mongoose, Node.js, React, Socket.io, Tailwind CSS] **Databases** | [MongoDB] **Tools** | [Git, Github, Babel, Webpack, Postman, Balsamiq, Figma, AWS EC2, AWS S3, Vercel]

TECHNICAL PROJECTS

Expense Calculator | Full Stack Engineer | github.com/soojp/Expense-Calculator.git 2022
App to calculate expenses by categories, adding items as you go

- Employed React framework and Bootstrap components to create a responsive single-page application
- Built both client-side and server-side form validations to provide meaningful feedback for user input, ensure form data quality, and prevent malicious attacks
- Utilized salting, hashing, and JSON Web Tokens for password encryption and user data protection
- Developed RESTful backend with MongoDB for their flexible data structure
- Applied backend validations to verify user input for data consistency
- Implemented lower latency event-based communication between the client and server through Socket.io when making API calls

Portfolio Website | Front End Engineer | github.com/soojp/portfolio-website-vercel | sojee.me 2022
My portfolio website where you can read about me, and see some of my projects

- Designed a wireframe using Figma in order to organize and identify reusable components
- Employed React framework and Tailwind CSS components to create a responsive single-page application
- Applied data types in TypeScript to preserve type-safety and improve developer experience by catching errors on compilation
- Benchmarked web accessibility with Lighthouse and iterated changes to improve page performance
- Deployed website on Vercel for live updating with GitHub workflow
- Hosted website assets on AWS S3

PROFESSIONAL EXPERIENCE

Clinical Laboratory Assistant | Myriad Genetics | South San Francisco, CA 2021-2022

- Screened specimen samples for genetic tests by verifying the volume as well as patient identifiers on the sample and test request forms
- Identified, resolved, and documented exceptions and discrepancies in specimen samples and accompanying request forms

EDUCATION

Coding Dojo | Full-Stack Development Certificate | San Francisco, CA Aug 2022
• Immersive Full-Stack Training Program in MERN (Received Highest Honors)

University of California, Irvine | Bachelors in Biological Science | Irvine, CA 2018-2021
• Current Biology Publication as third author: *Mosquito Cryptochromes expressed in Drosophila confer species-specific behavioral light responses*