

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** | Bcrypt, Git, Github, Babel, Webpack, Postman, Balsamiq, Figma, AWS EC2, AWS S3, Vercel, VS Code

TECHNICAL PROJECTS

ABCocktails | *Full Stack Engineer* | React, MongoDB, Express, Node, Bcrypt, JSON Web Token, Cookie Parser, Tailwind CSS, AWS S3 | github.com/soojp/ABCocktails | abcocktails.us 2022

Site features cocktails, a random cocktail generator, and a search feature by name or ingredients. Users can log in and register to save their favorite cocktails utilizing the like feature

- Built both client-side and server-side form validations to provide meaningful feedback for user input, ensure form data quality, and prevent malicious attacks using Bcrypt
- Utilized salting, hashing, and JSON Web Tokens for password encryption and user data protection
- Developed RESTful API with MongoDB using Mongoose for their flexible data structure
- Applied backend validations to verify user input for data consistency
- Acquired cocktail information by creating routes to an external API
- Enlarged computing capacity and scalability of deployed site by leveraging AWS EC2 web service
- Hosted website assets on AWS S3

Portfolio Website | *Front End Engineer* | React, Babel, Webpack, Tailwind CSS, AWS S3 | github.com/soojp/portfolio-website-vercel | sojee.me 2022

My portfolio website where you can read about me, and explore my projects

- Designed a wireframe using Figma in order to organize and identify reusable components
- Implemented 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

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*