

Song Joo

Web Developer

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With a growth mindset and resilience in solving challenges, I utilize my skills in creating highly interactive and user-centric web solutions with seamless experience while promoting positive collaborations.

QUALIFICATIONS

- Solving more than 30 LeetCode problems to develop analytical problem-solving skills: [LeetCode GitHub Repo](#)
- In 2 months, I developed a full-stack web application to demonstrate continuous skill growth: [Flick Scout](#)
- Practice writing clean and maintainable codes to minimize errors and enhance the sustainability of solutions.
- Promote positive collaborations within cross-functional teams to meet the business objectives.

PROJECT

Flick Scout

June – August 2023

- Developed a web application using MERN Stack: React, Next.js, Node.js, Express.js and MongoDB.
- Modernized user interface utilizing React Bootstrap components such as pagination, modal, and carousel.
- Implemented responsive design to resolve compatibility issues across different devices.
- Constructed RESTful APIs for data handling and incorporated CRUD operations through HTTP methods.
- Built a function that create dynamic search queries from user-defined filters to fetch matching movies.
- Created pages to list a user's search history and favorite movies by utilizing Jotai for state management.
- Employed JWT and Passport to establish a token-based user authentication and authorization process to ensure data privacy.

EDUCATION

Diploma in Computer Programming (CPP)

4.0 GPA

Seneca College, North York, ON

January 2022 – April 2023

- Developed, tested, and deployed web applications using React, Bootstrap, Cypress, and Jest.
- Enhanced programming skills in object-oriented programming languages, including C++ and C.
- Acquired proficiency in implementing various data structures and applying algorithms to solve programming challenges using JavaScript and Python.
- Visualized data using Entity Relationship Diagrams (ERD), structured data with a relational database model and manipulated data with SQL queries.

Diploma in Web Development

BrainStation, Toronto, ON

April 2021 - June 2021

- Developed Single-page application (SPA) using React and Sass integrated with database systems, MySQL.
- Led a 24-hour hackathon project successfully as the team lead, collaborating effectively with UX/UI designers and digital marketers.

TECHNICAL SKILLS

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| • Programming Languages:
JavaScript ES6, HTML5, CSS3, C, C++, Python | • Back-end Development:
Node.js, Express.js, Passport.js, JWT |
| • Front-end Development:
Next.js, React, SCSS, Jotai | • Database and Testing:
Oracle SQL, MySQL, MongoDB, Jest, Cypress |