

Siming Yang

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<https://yangsiming99.github.io/Portfolio/>

Summary

Experienced Full Stack Developer with extensive experience in backend development, database management, and system design. Proficient in delivering high-quality web applications with a focus on user experience and performance. Expertise in Node.js, Express, TypeScript, PostgreSQL, and RESTful API development. Committed to leveraging innovative technologies and best practices to solve complex challenges in diverse domains. Strong understanding of Agile methodologies and a passion for continuous learning and professional growth.

Experience

Playon! Canada - Full Stack Developer

Vancouver | June 2023 - September 2024

- Led the implementation of a visual overhaul for a tournament event management web app, enhancing user experience through responsive design and new features using TypeScript and PostgreSQL.
- Developed scalable RESTful APIs and integrated them with front-end components using React-hooks and Material-UI, ensuring a seamless user interface.
- Designed, containerized, and deployed Express.js API servers using Docker on Google Cloud, optimizing deployment processes across multiple environments.
- Managed structured data storage in PostgreSQL, facilitating efficient data analysis and reporting.

Hillside Wealth Management - Web App Developer (On Call)

Vancouver | April 2019 - August 2023

- Developed a financial web application utilizing Node.js, Express, HTML/CSS, Bootstrap 4, and PostgreSQL, focusing on backend development and database management.
- Contributed over 200 commits to enhance application features, resolve bugs, and optimize performance, resulting in a 20% improvement in financial reporting accuracy.
- Adapted the PostgreSQL database to accommodate evolving financial requirements, demonstrating strong system design capabilities.

Madoor International Inc - Front End Developer

Vancouver | February 2020 - June 2020

- Transformed over 20 designs and wireframes into fully functional responsive React components, improving brand recognition through consistent design using Material-UI.
- Resolved over 70 tickets in three months, achieving a 90% resolution rate and maintaining product functionality and performance.
- Collaborated with cross-functional teams to ensure alignment on project goals and deliverables.

Skills

Languages

HTML5, CSS, JavaScript, React, React Native, NextJS, Python, SQL, Bash Scripting, TypeScript, YAML

Tools/Technologies

Figma, Postman, ExpressJS, Github, Jira, Linux, GCP, AWS, MongoDB, NPM, Yarn, Redux, Docker, Swagger, API, Internet Protocol, Firebase, Stripe API

Education

Bachelor of Technology In Computer Systems

2019 - Present

British Columbia Institute of Technology, Vancouver

Computer Information Technology Diploma

2017 - 2019

British Columbia Institute of Technology, Vancouver