

Yu Sun

SOFTWARE ENGINEER

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<https://portfolio-p3u5.onrender.com>

PROFILE

My journey into software development emerged from a fusion of backgrounds in economics, and globalization studies. This career transformation is driven by a passion for problem-solving, innovation and the belief that code is not just language, but a catalyst for change, bridging gaps and shaping a future where creativity knows no bounds. With a diverse skill set and relentless drive for excellent, I am poised to make meaning contributions at the dynamic intersection of Technology

SKILLS

JavaScript, Python, Java, SQL, C#, HTML, CSS, SASS, React.js, Tailwind CSS, Next.js, Node.js, Express.js, Spring Boot, Flask, .NET, MySQL, PostgreSQL, Mango DB, Git, AWS, Azure, Tableau, Power Bi, RESTful API, DevOps, Agile

EDUCATION

BrainStation

Software Engineering Diploma

Jan 2024 - Apr 2024, Hamilton, ON

McMaster University

Master in Arts

Sep 2015 - Nov 2016, Hamilton, ON

Liaoning University

Bachelor in Economics

Sep 2007 - Jun 2011, Shenyang, China

PROJECTS

Professional Portfolio Website

JavaScript, Next.js, Tailwind CSS, Framer-motion

- Designed and developed a high-performance portfolio using **Next.js, Tailwind CSS, and Framer Motion**, showcasing advanced animation and responsive design
- Engineered **dynamic components**, including an interactive Navbar, animated text, and a dark mode toggle with persistent theme support
- Optimized performance with Next.js Image and implemented **responsive layouts** for seamless cross-device compatibility
- Highlighted expertise through pages like Projects, About, and Articles, featuring smooth animations and a modern aesthetic

InStock - Inventory Management Web Application

JavaScript, React.js, CSS, Node.js, Express.js, MySql, Knex, Restful APIs, Jira

- Developed a **responsive and intuitive user interface** using React.js, enabling seamless navigation and efficient inventory management
- Designed and implemented **RESTful APIs** with Node.js and Express for robust CRUD operations and validation of warehouse and inventory data
- Utilized **MySQL and Knex.js** for scalable and reliable backend infrastructure, ensuring efficient data storage and management
- Collaborated with a team via **Jira**, meeting project milestones and delivering high-quality software on schedule

MERN Blog Application

React.js, Tailwind CSS, Redux Toolkit, MongoDB, Express.js, Node.js, JSON Web Tokens, Google OAuth, Render

- Built a **responsive blog platform** with dynamic routing, advanced **JWT/Google OAuth authentication**, and a sleek **dark mode** for improved user experience
- Developed an **admin dashboard** with full **CRUD operations** for posts, comments, and users, leveraging MongoDB and Express.js
- Integrated **Redux Toolkit** for efficient state management and seamless client-side interactions
- Implemented **advanced search functionality**, enabling filtering, sorting, and optimized queries via a modern sidebar
- Deployed the application on **Render**, delivering a production-ready, professional-grade project

EXPERIENCE

Customer Service Manager | Nations Fresh Food

AUG 2016 - May 2020, Hamilton/Mississauga, ON

- Managed operations of Mississauga/Hamilton branches, overseeing operations, implementing onboarding processes, and setting up financial reporting systems
- Demonstrated strong leadership skills, aiding in business growth, and enhancing team members' capabilities
- Successfully resolved customer issues, ensuring high-quality service and satisfaction
- Implemented strategies that improved Google review scores from 3.7 to 4.5, showcasing the dedication to enhancing customer experience and overall business reputation