Samarth Patel

4 Swallowtail Rd • Scarborough, ON M1B 6B1 • sspatel74@myseneca.ca • (825)-747-2924 • [GitHub](#) • [LinkedIn](#) • [Portfolio](#)

Professional Summary

Passionate and driven web developer with over 2 years of experience specializing in React and front-end development. Adept at designing, developing, testing, deploying, maintaining, and improving web applications. Proven track record of developing scalable, secure, and maintainable solutions in fast-paced environments. Seeking to leverage skills and experience to contribute to the innovative projects at Macadamian.

Experience

Growception   Remote
Full Stack Developer   Apr 2023 – Apr 2024

- Led the development of a Warehouse Management System (WMS) based on micro-services architecture using React, Redux, and Node.js, enhancing inventory management and order processing efficiency by 35%.
- Implemented RESTful API endpoints for seamless communication between the front-end and back-end systems, ensuring data consistency and accuracy.
- Designed and developed responsive user interfaces for the WMS, improving user experience and accessibility for warehouse staff.
- Utilized AWS services, including S3 for file storage and EC2 for hosting, to create a scalable and reliable infrastructure for the WMS.
- Collaborated with cross-functional teams to gather requirements, conduct testing, and deploy the WMS, ensuring alignment with business goals and user needs.

Solution Analyst   Ahmedabad, Gujarat
Junior React Developer   Sep 2020 – Aug 2021

- Spearheaded the design and development of responsive user interfaces for web applications, utilizing HTML, CSS, JavaScript, React, Redux, and Tailwind CSS, resulting in a 40% improvement in user engagement and interaction.
- Implemented a component-based architecture for application development, streamlining the development process and reducing time-to-market by 25%.
- Utilized Figma for UI/UX design, ensuring a cohesive and visually appealing user experience across all applications.
- Employed automated testing tools to conduct comprehensive testing, reducing manual testing efforts by 30% and improving application reliability.

Projects

Social Media Blogging application – React, Redux.js, NodeJS, MongoDB, AWS S3 Bucket, JWT, Bootstrap

- Designed and developed a web application for sharing blogs and images, fostering a community of content creators and readers.
- Implemented robust middleware for authentication and authorization using JWT, enhancing user privacy and security, resulting in a 50% reduction in unauthorized access attempts.
- Optimized image storage with AWS S3, reducing server load by 30% and ensuring efficient content delivery and scalability.
- Utilized the MVC architecture for the Back end and the component-based architecture for frontend to maintain the code quality, consistency, and maintainability.

Library Management Application – C++

- Analyzed the inefficiencies in managing over 25,000 books at Seneca College library, previously handled using Excel, leading to tedious and error-prone processes.
- Collaborated with three students to engineer a library management application in 36 hours, significantly streamlining the process.
- Integrated the Seneca students' database, allowing for automatic retrieval of student details, reducing manual data entry, and improving operational efficiency by 70%.

Weather – React, Tailwind CSS
- Created a responsive weather application using the Rapid Weather API, which dynamically changes background images based on weather data (e.g., displaying a rainy image during rain). The application provides detailed weather information for any entered city.
- Enhanced user experience with a visually appealing UI, leading to a 60% increase in user engagement and achieving a load time of less than 2 seconds for weather updates.

Technical Skills

Programming Languages: C/C++, JavaScript, TypeScript, Python, SQL
Database: MySQL, MongoDB, PostgreSQL
Frameworks & Libraries: React, Redux, Node.js, Express, Bootstrap, Tailwind CSS, Next.js
Technologies & Tools: AWS, Kubernetes, Docker, JIRA, Jenkins, Jest, Postman, Git, GitHub, Figma, GraphQL, RESTful APIs
Concepts: Object-oriented programming, MVC, Agile Methodologies, Data Structures and Algorithms, CI/CD, UI/UX Design Principles, Microservice Architecture, Test-Driven Development (TDD), SDLC

Education

Seneca College   Toronto, ON
Diploma, Computer Programming. GPA: 3.5   Jan 2022 – Apr 2023
Relevant Coursework: Web Programming Tools and Frameworks, Object Oriented Programming, Advance Database Services, Data Structures and Algorithms, UNIX/Linux, Data Structures and Algorithms, Software Analysis and Design, IT Project Management, Applied Problem Solving, Mobile App Development- Android, Software Development using C++, Data Communication

Certificates

Responsive Design
SQL (Advanced)
Problem Solving
Rest APIs