

Samarth Patel

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Work Experience

Baps Charities, Toronto, Canada

Mar 2022 – Present

Full Stack Developer

- Spearheaded the migration from Context API to Redux resulting in a 20% reduction in re-renders, enhancing application performance and user experience and developed reusable components.
- Developed high performance RESTful API using Express.js and Node.js, facilitating seamless communication between front-end and back-end systems.
- Implemented JWT-based authorization for secure user authentication, leveraging AWS services to optimize scalability and reduce organizational costs by 30%.

Growception, Orlando, Florida (Remote)

Sept 2020 - Oct 2021

Full Stack Software Developer

- led front-end development using React, Angular, Bootstrap, and Redux, ensuring modern, responsive user interfaces.
- developed secure backend APIs, managed databases, and implemented end-to-end authentication, Containerization using Docker and deploying applications using cloud platforms such as AWS and Azure.
- Collaborating closely with stakeholders, I ensured that all requirements were met, delivering high-quality solutions.

Skills

Programming Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: React.js, React Native, Vue.js, Redux, Next.js, Node.js, express.js, Tailwind CSS, Bootstrap, SDLC, MongoDB, PostgreSQL, Firebase, AWS, Git, GitHub, Docker, Kubernetes, DevOps, Agile Methodologies, Amazon Web Services,

Education

Seneca Polytechnic, Toronto, Canada

Jan 2022 – Apr 2023

Diploma in Computer Programming

CGPA:**3.5/4**

Relevant Coursework: object-oriented design, Databases, Discrete Math, Operating Systems, Computer Networks, Advance Data Structures and Algorithms, Advance Web Development, Android App Development, System Designing, Project management, Linux, Software Development Life Cycles (SDLC)

Project Work

- **Blogging Website:** Developed a full-stack web application using React, MongoDB, Express.js, Node.js, and AWS S3 Bucket. Implemented user authentication with JWT for secure access. Users can create, share, and edit blogs with images and captions, and manage profile pictures. RESTful APIs ensure secure data transmission, restricting post creation to authenticated users. The privacy setting allows users to control post visibility, enhancing scalability for increased traffic.
- **URL Shortening Service:** Implemented EJS for server-side rendering, enabling a dynamic user interface. Utilized MongoDB for data storage, managing original URLs, shortened IDs, and click counts. Enhanced with analytics to track link performance, efficiently handling data from millions of users.
- **Ecommerce Website:** Utilizing React for component-based architecture and Bootstrap for responsive styling, Implemented Redux for state management, React Router DOM for routing, and dynamic API calls for product display, enhancing user experience. Integrated cart with auto price calculation and discount logic.
- **Library Management System:** Utilized strong programming skills to implement features for adding/removing publications, managing checkouts/returns, and saving/canceling modifications. Designed an application to efficiently manage and track a library's inventory, showcasing proficiency in C++ and software development best practices.

Awards and Certificates

- Responsive Web Design
- SQL (Advanced)
- Problem Solving (Intermediate)
- Rest API (Intermediate)