Samarth Patel

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Skills

Frontend Development: HTML, CSS, JavaScript, React.js, Redux, Bootstrap, Tailwind CSS

Backend Development: Node.js, Express.js, RESTful APIs, Database Management (MySQL, PostgreSQL, MongoDB)

Other Programming Languages: Java, C++, C, and Python

Other Skills: Linux, Operating Systems, Object-Oriented Programming Concepts, Data structures and Algorithm, Project management, System Design

Developer Tools and Technologies: Git, GitHub, Visual Studio Code, Android Studio, Visual Paradigm

Volunteering Experience

BAPS Canada | React.js Developer   **April 2022 - Sept 2023**

- Developed front-end features using React.js and managed application state with Redux.
- Utilized MongoDB for database operations, including data modelling and querying.
- Collaborated with the team to integrate React Router for improved navigation and user experience, which led to a 25% reduction in bounce rates.
- Implemented Webpack for bundling assets, optimizing application performance, and reducing load times by 30%.
- Collaborated closely with backend developers to integrate frontend and backend functionality.

Projects

Blogify: A Full-Stack CRUD Application | React, React Router, Context API, MongoDB, Express.js, Node.js, Zod

- Developed Blogify, a full-stack CRUD application for social media blogging, using React for frontend development and MongoDB, Express.js, and Node.js for backend development.
- Implemented comprehensive end-to-end authentication using the Zod library, ensuring secure access and restricting post creation to authenticated users only.
- Designed and integrated a flexible privacy setting feature allowing users to designate posts as either public or private, enhancing user control over content visibility and access permissions.

Myntra Clone: An Online Shopping Platform Replica |React, Bootstrap, Redux, React Router

- Utilized React for component-based architecture, Bootstrap for responsive styling, Redux for efficient state management, and React Router DOM for seamless client-side routing, enhancing overall user experience.
- Implemented API calls to fetch and display products dynamically, improving user interaction and engagement.
- Developed and integrated cart functionality with automatic price calculations and discount logic, enhancing the shopping experience for users.

URL Shortener Project | Express.js, EJS, MongoDB

- Developed a URL shortener project allowing users to enter a URL and generate a shortened link.
- Implemented server-side rendering with EJS for a dynamic user interface and used MongoDB to store data, including original URLs, shortened IDs, and click counts.
- Enhanced the project with functionality to track the number of times users clicked on generated links, providing valuable insights into link usage and performance metrics.

Education

Seneca Polytechnic, Toronto, Canada   **Jan 2022 - April 2023**

Diploma in Computer Programming |3.6 GPA