

Aniruddh Patel

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Education

- Btech CSE (2021-2025)
Gyan Ganga Institute of Technology & Sciences 8.64/10
- 12th , Higher secondary education
Noble Children Academy Higher Secondary School 70.6/100

Projects

Study Buzz :: Bookstore Website (MERN)

April 2024 - Present

Key Highlights:

- Developed a bookstore website using MongoDB, Express.js, React, and Node.js.
- Implemented JWT for secure user authentication and session management and bcrypt for secure password hashing.
- Integrated search bar and category filters for easy book discovery. Developed an admin interface for adding new books.
- Used AWS S3 for storage with Multer and tested backend APIs with Postman.
- Optimal Reading & Modern Navigation Designed for excellent UI/UX and responsive design across devices.
- Utilized React Router DOM for dynamic routing and navigation.
- Used RESTful APIs for efficient data communication and Employed Axios for HTTP requests

Connect-to-Pie :: Social Media Website (MERN)

February 2024 - Present

Key Highlights:

- Developed a social media website using MongoDB, Express.js, React, and Node.js (MERN stack).
- Executed JSON Web Token(JWT) for secure authentication and bcrypt npm package for password hashing.
- Utilized Multer and GridFS for media uploads (images, clips, audio) and storage.
- Integrated React Router DOM for dynamic routing, along with features for adding friends, posting media, and changing UI/UX themes.
- Employed RESTful APIs tested with Postman and Axios for HTTP requests.

SkyUpdates :: Weather Website (HTML ,CSS ,VANILLA JAVASCRIPT)

December 2023 - Present

Key Highlights:

- Integrated a user-friendly search bar allowing users to search for weather information by location Globally.
- Utilized vanilla JavaScript with ECMAScript 6 concepts (ES6), HTML, and CSS for frontend development.
- Incorporated third-party APIs using the Fetch API for real-time weather data retrieval, enabling accurate weather forecasts. And also dynamic background that changes according to weather conditions.
- Designed with a focus on good user interface (UI) and user experience (UX), ensuring user friendly interface.
- Deployed the application using Amazon Web Services (AWS) Simple Storage Service (S3) buckets, ensuring reliable and scalable hosting

SyncSphere :: Cross-Platform File Access Application

Ongoing Project

Key Highlights:

- Developing SyncSphere, a cross-platform application for Windows and Android using React Native. This Enables users to access files and data from anywhere in the world, facilitating seamless connectivity between PC and Android devices.
- Implementing secure authentication to ensure proper access control and data protection using JSON Web Token (JWT) and bcrypt npm package.
- Utilizes Express, MongoDB, and Node.js for backend development & WebSocket for for real-time data synchronization.

Achievements

- Programming Essentials in C++ (CISCO).
- Solved over 250+ Data Structures and algorithms problems to upgrade critical thinking and problem solving abilities.
- Certifications: Achieved AWS Cloud Foundation certified & CCNA 1 (Certified Network Associate)
- Full Stack MERN Web Development & SIH 2022 participants.

Skills

- Programming language** : C, C++, JavaScript, Python(basics).
- Web Technologies** : HTML5, CSS, JavaScript, React Native, React.js , Node.js, MongoDB Express.js, RESTful APIs, web socket.
- Platforms/Tools** : Visual Studio, Git & GitHub, Postman, blender 3d.
- Additional Skills** : Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA) ,Database Management System (DBMS), Computer Networks(CN), Operating System(OS).

Programming Handles

- Leetcode** : <https://leetcode.com/Aniruddh-Patel/>
- Coding Ninjas** : <https://www.naukri.com/code360/profile/1506edb2-0255-4fa3-98f0-9a94f3910464>