

Anuj Pal

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PROJECTS

Weather App: Weather App — *HTML, CSS, Javascript*

- Built a **responsive weather web app** that works on any device using **HTML5, CSS3, and JavaScript**, giving real-time weather information.
- Used a **RESTful API** to get accurate weather data for over 50 cities around the world, including temperature, humidity, and forecasts.
- Made the app look good on mobile phones first, using **CSS Grid, Flexbox, and media queries** to make it work well on all screen sizes.
- Made the app faster by using **asynchronous calls** to the API, so it loads quickly and feels smooth to use.
- Added a **search feature** that lets users find weather by city, with updates that happen in real time as they type.

Kawach: A Secure Document Sharing Platform — *React.js, Express.js, MongoDB*

- Created **Kawach**, a secure document-sharing platform using the **MERN stack**, with **end-to-end encryption** to ensure data safety.
- Developed a **time-bound QR code system** that automatically expires to prevent unauthorized access.
- Implemented **automatic removal** of documents from the **cloud** and **database** to avoid residual data.
- Delivered a **user-friendly, scalable solution** supporting multiple **file types**, reducing the risk of misuse.

Quiz Play Learn: Smart Quiz Generator — *React.js, Express.js, MongoDB*

- Created an innovative education platform called **QuizPlay Learn** using **Next.js, React.js, Tailwind CSS**, and **MongoDB**. It allows students to upload **YouTube videos** and generate quizzes for self-assessment.
- Integrated the **YouTube API** to seamlessly process videos and automatically convert them into **personalized quizzes** based on video content.
- Designed a **responsive UI** with **Tailwind CSS**, ensuring a smooth user experience across **mobile, tablet, and desktop** devices.
- Built a robust **backend system** with **MongoDB** and **REST APIs**, capable of handling high user traffic and optimized for **cloud deployment**.
- Incorporated **gamification features** such as **leaderboards** and **reward tokens** to enhance engagement, motivation, and long-term user retention.

SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Tailwind CSS , Next.js

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, NoSQL, MySQL (basic)

Tools/Platforms: Git, GitHub, Postman, Vercel, Render, Cloudinary, Agile, VS Code

EDUCATION

2023 - present	B.Tech(IT) at JSS Academy of Technical Education,Noida	7.41 SGPA
2022	Intermediate at Bhaurav Devras Saraswati Vidya Mandir , Noida	77%
2020	High School at Bhaurav Devras Saraswati Vidya Mandir , Noida	82%

ACHIEVEMENTS

- Participated in **two national hackathons**, demonstrating strong **problem-solving, software development, and teamwork** skills.
- Secured **10th rank** in the **Code Wizard 2.0 Hackathon** by building an **educational platform** using **React, JavaScript, and MongoDB**.
- Solved **400+** **coding challenges** with a **rating above 1605** on Leetcode , showcasing expertise in **Data Structures and Algorithms (DSA)**, C++, and Python.
- Applied **algorithm design, time complexity optimization**, and **object-oriented programming (OOP)** to solve real-world software problems.
- Explore my detailed problem-solving journey on my **GeeksforGeeks** profile.