

APURVA VATS

Full Stack Developer | JavaScript Developer | Graphic Designer

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<https://github.com/apurvavats>

ABOUT ME

- **Btech** student and passionate **Full Stack Developer** with hands on experience building complete web apps using **React.js,node.js** and **Tailwind CSS**.
- Keen about **learning core** subjects, while maintaining top position of the class for last two semesters.
- Participated in **multiple software hackathon**, building project under limited time.
- Participated in an **Electronics Hackathon**, where my team and I built an **arduino based car** under limited timeframe.
- Currently learning **data structures and algorithm** to sharpen my problem solving and debugging skills.

EDUCATION

BANGALORE INSTITUTE OF TECHNOLOGY

B tech in Electronics and Communication - **CGPA:9.63/10**

Sep 2023-Present

DAV PUBLIC SCHOOL, PATNA

CBSE - CLASS 12th - 83.2%

April 2021- March 2022

CARMEL HIGH SCHOOL, PATNA

ICSE - CLASS 10th - 96.8%

April 2019- May 2020

PROJECTS

CHAT GPT CLONE

Developed an AI-powered chatbot web application using Open AI's GPT API to simulate human like conversation. Built with React.js for the frontend and Node.js for the backend , the project includes features like real time messaging and typing simulation. Designed a clean, responsive UI and implemented robust error handling API communication. Added user authentication, and modular code structure for a smooth user experience. This project showcases my skills in full stack development , API integration , modern UI/UX design, and working with Ai driven technologies.

GitHub repo link: <https://github.com/apurvavats/Project2>

AGRITECH

Build a web based sustainable agriculture technology platform that recommends the most suitable crop for a region based on real time soil data (pH, moisture, etc) and climate parameters including rainfall and humidity. Developed using only the basic frontend which includes html5, css and javascript. The project also includes implementation of a custom sustainability score to evaluate the environmental impact and resource efficiency of each crop. Designed an active dashboard which contains various information about the site ranging from about the page to contact page. The website is still under developing phase where more feature are to be added including login page and a backend with extensive database to suggest better crop type depending on various types of rare and unique environmental conditions.

GitHub repo link: <https://github.com/apurvavats/Project1>

SKILL

- **PROGRAMMING**

C++, C, Java(basic), Python(basic)

- **WEB DEVELOPMENT**

Frontend

React.js, Tailwind CSS, HTML, CSS, Javascript

Backend(learning)

Node.js, Express.js, Gemini API

- **UI/UX DESIGN**

Learning designing user interface and wireframes using Figma

- **SOFT SKILLS**

Strong communication and problem solving skills
Quick learner
Graphic designing using Canva
Efficient team collaborator with interest in continuous learning.

- **DATABASE AND API**

Understanding of relational database and SQL. Currently learning integration of backend services and restful APIs.

- **VERSION CONTROL AND TOOLS**

Proficient in Git and GitHub for source control and collaborative development with Visual Studio Code.

- **PROBLEM SOLVING**

Practicing algorithmic problem solving on platform like LeetCode in C++. Learning different concepts of data structures and incorporating it into problem solving.

CERTIFICATES

- Won **1ST PRIZE** for academic excellence in 2nd year, while scoring **10 SGPA** in 3rd semester.
- Participated in **Hackathon : AgriTech Innovation Challenge**-Built an Agritech solution integrating real-time data(received participation certificate)
- Participated in **Electrohack** : Built an **arduino based car having** infrared sensor and ultrasonic sensor which follows a straight path and on detecting the obstacle takes a turn whereas on detecting black line considers it as a dead end and reverses.(received participating certificate)
- Completed **C++ Programming course at JSpider**, 15 days hands on training program(Certified)