Pratik Pawar

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github.com/PratikP06

EDUCATION

R.M.D. Sinhgad College of Engineering   Expected: June 2027
Bachelor of Engineering in Computer Science (GPA: 7.4 / 10)

SFJV Jr. College   Completed : February 2023
Higher Secondary Certificate (HSC) – Science (72%)

EXPERIENCE

Elite Software , Pune   December 2024 – January 2025
Ex Intern

- Learned the fundamentals of Python and Django framework through hands-on practice.
- Built small Django projects like basic web pages, forms, and simple CRUD examples during training.
- Worked with Django templates, URL routing, and models to understand full-stack flow.
- Practiced version control using GitHub to submit weekly tasks and assignments.

PROJECTS

Kharchapani - Personal Expense Tracker

Technologies: MongoDB, Express.js, React.js, Node.js

- Built a full-stack MERN application to record daily expenses and calculate total balance dynamically.
- Implemented backend logic using Node.js and Express.js to handle expense data storage and retrieval.
- Used MongoDB for persisting transaction data with structured collections.
- Developed a responsive React-based UI for quick expense entry and clear transaction display.

Live Project - kharchapani-bay.vercel.app/

Github- github.com/PratikP06/kharchapani#

IoT-Based Air Quality Monitoring System

Technologies: ESP32, MQ135, DHT11, Firebase, JavaScript, HTML, CSS

- Developed an IoT-based system to monitor air quality parameters including AQI, CO_2, temperature, and humidity.
- Interfaced ESP32 with MQ135 and DHT11 sensors to collect environmental data and upload readings to Firebase at regular intervals.
- Created a real-time dashboard to display live sensor data using dynamic UI components.
- Processed raw MQ135 sensor readings into PPM values for improved interpretation of air quality levels.

Github - github.com/PratikP06/AQI-monitoring-system

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C++

Frameworks and Tools: React js , Node js , Express js , GitHub Actions

Concepts: Full-Stack Web Development, Data Structures & Algorithms , DBMS fundamentals , SEO