

Vaneet

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Summary

A driven Student of Computer Science with Practical Experience using the MERN stack to develop and launch Full-stack web Applications. Adept at using React to create Responsive user interfaces and Node.js and Express to build reliable server-side APIs. I'm eager to land a demanding internship so I can use my abilities on actual projects and support a cooperative development team.

Skills

JavaScript, React.js, Node.js, Express.js, MongoDB, Python, REST APIs, Git, GitHub, HTML5, CSS3, WebRTC.

Projects

Rural Telemedicine Platform

A collaborative group project to build a full-stack digital health platform, providing critical medical access to underserved rural communities in Nabha, Punjab.

My Role: Back-end and Frontend Developer + WebRTC (Team of 6)

- Built and deployed a MERN application to facilitate video consultations, intelligent appointment scheduling, and digital prescription management
- Engineered a secure data management system using Blockchain for patient health records and integrated WebRTC for real-time video communication.
- Integrated an AI/ML Chatbot for initial diagnosis and a real-time medicine stock checker to connect patients with local pharmacies.
- Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), WebRTC, Blockchain, AI/ML.

EcoLife AI Powered Waste Classification : ([GitHub](#))

A collaborative project developed by a team of four, creating a smart web application that classifies waste from user-uploaded images to promote responsible recycling.

My Contributions:

- Engineered the complete back-end server using Node.js and Express.js, creating the API endpoints to handle image uploads from users and deliver the AI model's predictions back to the front-end.
- I was responsible for preprocessing the image dataset by Jupyter Notebook.
- Integrated the trained AI model with the back-end, creating the crucial link that allowed the live application to perform real-time waste classification.

Education

Bachelor of Technology - [Pursuing Computer Science & Engineering]

Guru Nanak Dev University , Amritsar **2023-2027**

CGPA: 7.9/10.0

Certificates

- **Digigreen National Hackathon** - Certificate of Competition [Top 10 Finalist].
- **TCS CodeVita Season 12** - Rank Certificate (2811 Rank).
- **HackerWarth Hackathon** - Certificate of Appreciation.