

Mounish Vatti

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EDUCATION

Vellore Institute of Technology , Integrated MTech in Computer Science CGPA: 8.36	2020 – Present Vellore, India
Sasi Junior College , Intermediate (BIEAP) - PCM CGPA: 9.67	2018 – 2020 Velivennu, India
Bharatiya Vidya Bhavan's , X - CBSE Percentage: 85.2%	2017 – 2018 Rajahmundry, India

SKILLS

Languages & Databases: C/C++, Java, Python, JavaScript, MySQL/PostgreSQL, MongoDB.

Frameworks & Libraries: React.js, Tailwind/Bootstrap, TensorFlow, OpenCV.

Developer Tools and IDEs: Git & GitHub, ZED, VSCode, WebStorm, Docker, AWS, Vercel, Figma.

Core Fundamentals: Data Structures, OOPs, Operating Systems, DBMS, System Design (Basics)

PROJECTS

PriceDekho - Track, Compare, Save, Tech Stack: Next.js, Tailwind, Cron, NodeMailer, MongoDB [🔗](#)

- PriceDekho is a comprehensive eCommerce price tracker web application built using Next.js and Tailwind.
- Implemented web scraping to gather real-time pricing data from multiple sources, set up cron jobs to schedule regular updates, and ensure data accuracy.
- Automated email notifications to alert users about price changes and deals, deployed the application on Vercel for scalable and reliable access.

PandaCoinWEB3 - Transfer ETH across the globe, Tech Stack: ReactJS, TailwindCSS [🔗](#)

- Developed a Vite+React web application utilizing **TailwindCSS** to create an intuitive and visually appealing user interface for PandaCoin, a cryptocurrency exchange built on the **Ethereum** network.
- Employed **Solidity smart contracts** to ensure secure and transparent transactions.
- Implemented connection with **Metamask** for seamless transactions with the **Sepolia Ethereum**.

SteamScrape – Web Scraping & Sentiment Analysis on game reviews, Tech Stack: Python, Selenium, NLTK [🔗](#)

- Automated the Safari web browser using Selenium to scrape user reviews from any game on the Steam platform.
- Performed sentiment analysis on the scraped reviews using NLTK and VADER (Valence Aware Dictionary and Sentiment Reasoner).
- Visualized the sentiment analysis results as a word cloud for intuitive data interpretation and analysis.

Pothole Detection - Image Segmentation using YOLOv8, Tech Stack: Python, Roboflow, Ultralytics [🔗](#)

- Utilized image segmentation techniques. Created and curated a custom dataset with over 700 images.
- Trained the model on Roboflow for accurate detection and segmentation. Employed the latest Ultralytics YOLOv8 for high-performance predictions.
- Achieved real-time pothole detection capabilities for practical applications.

CERTIFICATIONS

Microsoft SC:900 [🔗](#) | SQL [🔗](#) – Intermediate | Problem-Solving – Basics | React.js

INTERESTS

Listening to Music/podcasts | Playing Football | Watching keynotes | Competitive Coding - LeetCode [🔗](#)

LANGUAGES

English – Limited Working Proficiency | Hindi – Highly Proficient | Telugu – Native | German – Beginner