Naveen N

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⊕ 22CB036_kpriet | ⌱ N-Naveen01 | ⮜ 22CB036_KPRIET | Portfolio

SUMMARY

I'm a dedicated and motivated Computer Science student with a strong ability to grasp concepts quickly and adapt to different situations. I enjoy expanding my technical expertise and applying analytical skills to real-world projects. I work well in fast-paced environments, enjoy team collaboration, and actively contribute to achieving shared objectives.

EDUCATION

B.TECH. Computer Science and Business Systems (2026)   **CGPA:** 8.89
KPR Institute of Engineering and Technology, Coimbatore.

HSC Computer Science & Mathematics (2022)   **Percentage:** 98%
Vidhya Vikashini Matric Higher Secondary School, Tiruppur.

SSLC (2020)   **Percentage:** 92.2%
Vidhya Vikashini Matric Higher Secondary School, Tiruppur.

SKILLS SUMMARY

- **Frontend:**   HTML, CSS, JavaScript, React, Bootstrap
- **Backend:**   NodeJs, ExpressJs
- **Database:**   MySQL, MongoDB
- **Programming:**   Java
- **Technical Tools:**   Git, GitHub, Fusion 360, MS Office, Tableau
- **Soft Skills:**   Teamwork, Problem Solving, Public Speaking.

EXPERIENCE

Capabl Solutions | *FrontEnd Developer*   *JAN 2025-FEB 2025*
- Designed a weather prediction website using modern frontend technologies, enhancing user experience and accessibility.
- Enhanced website performance and responsiveness for seamless usage across devices..
- Collaborated with the team to implement real-time weather data integration for accurate forecasts.

CodSoft | *Data Science Intern*   *JUNE 2024-JULY 2024*
- Built predictive models and data visualizations to extract insights from large datasets.
- Implemented machine learning algorithms to improve forecasting accuracy.
- Processed, and analyzed data to identify trends and patterns.

PUBLICATIONS

Transforming Solid Waste Management in India:
The CallBin IoT Solution Annual International Conference on Multidisciplinary Research (ICMR- 2024), IIT Madras Research Park, Chennai (December 2024) Organized by ESN Publications.
- Developed an IoT-based waste management system with real-time monitoring and automated waste collection alerts.
- Applied computer vision and machine learning for waste segregation and biogas generation, contributing to sustainable waste management.

VOLUNTEERING

- **Associated with SAP (2024)** – Successfully coordinated Hackfest 2024, ensuring smooth execution and team collaboration.
- **Associated with the Department (2023)** – Successfully coordinated the Stock Market Workshop, ensuring smooth execution and active participant engagement.

PROJECTS

CHATBOT: [Repo Link]
- Built a Gemini AI clone using the Gemini API for advanced natural language processing. Merged real-time chatbot capabilities with seamless API interactions. Enhanced response accuracy and user experience through efficient query handling.
- Technologies used - HTML, CSS, JavaScript, GeminiAPI.

STOCK PREDICTION: [Repo Link]
- Built a stock price close prediction website using Random Forest Regressor for accurate forecasting. Processed historical stock data, engineered features, and optimized the model for better predictions.
- Technologies used – HTML, CSS, JavaScript, Random Forest.

WEATHER FORECAST: [Repo Link]
- Developed a 5-day weather forecast website using an API key to fetch real-time weather data. Integrated dynamic visualizations to display temperature, humidity, and weather trends. Improved the user interface for an interactive and seamless experience.
- Technologies used - HTML, CSS, JavaScript, OpenWeatherAPI.

IMAGE GENERATOR: [Repo Link]
- Developed an AI-based image generator web app using the MERN stack. Integrated user authentication and Razorpay for secure payments, enabling access to premium features.
- Technologies used – MongoDB, Express.js, React.js, Node.js, Razorpay API.

ACHIEVEMENTS

- **Won 1st Prize** in the National Business Pitch at Jeppiar College.
- **Won 1st Prize** in the National Paper Presentation at Kongu Engineering College.
- **Secured 3rd Prize** in Project Presentation at IIT Patna (Waste Segregation).
- **Awarded a Shield** for Academic Excellence.
- **Earned a 6-star badge** in HackerRank for Problem Solving.
- **Solved 200+ problems** on LeetCode.

CERTIFICATIONS

- **GitHub Foundation Certification** by GitHub.
- **NPTEL Certifications** in Fundamentals of AI , Management Information Systems.
- **Problem Solving Certification** from HackerRank.
- **NASSCOM Certification** in Big Data.
- **JavaScript Certification** from FreeCodeCamp.

DECLARATION

I hereby declare that the information provided above is accurate and true.

~Naveen N