

CEERNAM JAYANTH KUMAR

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PROFESSIONAL SUMMARY

Final-year B.Tech student in Artificial Intelligence and Data Science, with a strong interest in frontend development, interactive user interfaces, and data-driven product solutions. Skilled in HTML, CSS, JavaScript, and React.js, with hands-on experience building responsive web applications. Developed a personalized book recommendation system leveraging user behavior and content features. Proficient in data manipulation using Python and SQL, along with data visualization tools like Power BI and Tableau. Passionate about combining user insights with intuitive design to build scalable and engaging digital products. Actively seeking an Associate Product Engineer role to contribute to innovative frontend experiences and data-integrated solution

EDUCATION

B.Tech in Artificial Intelligence and Data Science | St. Martin's Engineering College, Hyderabad

Expected Graduation: 2026 | CGPA: 8.18 / 10

Nxtwave CCBP 4.0 | Specialization in Data Science

PROJECTS

Amazon Clone UI | HTML, CSS

- Developed a responsive front-end clone of Amazon's homepage using pure HTML and CSS
- Designed custom header, search bar, product cards, and grid layout mimicking real-world e-commerce structure
- Focused on pixel-perfect design and cross-device responsiveness

Live Weather App | HTML, CSS, JavaScript, Open Weather map API

- Built a dynamic weather application that fetches real-time weather data based on user input
- Integrated Open Weather map API to display temperature, humidity, and conditions of searched cities
- Applied responsive design principles and JavaScript DOM manipulation for interactive UX

Cab Fare Prediction System | Python, Scikit-learn, Streamlit, Random Forest

- Built a machine learning model to predict cab fare based on pickup/drop location, date, and time using real-world Uber NYC data
- Implemented data cleaning, EDA, and supervised learning (Random Forest, Gradient Boosting, Decision Trees)
- Achieved strong performance metrics using RMSE and R²; applied Haversine formula for accurate distance calculations

TECHNICAL SKILLS

Languages: Html, Css, Javascript, Bootstrap, Python, C, R, SQL

Libraries/Frameworks: NumPy, Pandas, Scikit-learn, Matplotlib

Data & Visualization Tools: Power BI, Excel, PowerPoint, Word, MySQL, OpenCV

Core Competencies: Product thinking, Model deployment, Debugging, Data analysis, Agile mindset, Collaboration

CERTIFICATIONS

- Build Your Own Static Website – NxtWave CCBP 4.0 Academy (Issued on June 24, 2025 | Skills: HTML, CSS, Bootstrap) - [Link](#)
- Mathematics – Basics to Advanced for Data Science and GenAI – Udemy-[Link](#)
- Python (Basic) – HackerRank

ACHIEVEMENTS

- Participated in the Generative AI Mega Workshop conducted by Rahul Attuluri (CEO, NxtWave) -[Link](#)