Nallapu Karthik

 Karthik Nallapu | Nallapu Karthik

✉ karthiknallapu450@gmail.com | +91 9550788322

Education

Hyderabad Institute of Technology and Management, Medhcal, Telangana   June 2021 - Present
Bachelor of Technology in Computer Science and Engineering   *CGPA: 7.99/10*

Skills

Programming Languages:	Python.
Web Development:	HTML, CSS.
Databases:	SQL.
Tools:	VScode, Google Colab, Microsoft Office Suite.
Version Control:	Git, GitHub.
Additional:	Fundametals Of Digital Marketing, Data Analytics.

Projects

Blockchain-Based Crowdfunding Platform   **METAMASK, Java Script, Ethereum.**

– Developed a decentralized crowdfunding platform using blockchain technology to ensure secure and transparent fundraising.
– Implemented smart contracts to automate transactions and reduce costs compared to traditional crowdfunding platforms.
– Enabled features such as project creation and user-controlled wallets, and proposed advanced functionalities like anonymous investments and tokenization.

House Price Prediction - Course Level Project   **Machine Learning**

– Developed a House Price Prediction Model with 90%+ accuracy using advanced regression techniques (Linear,Ridge, and Random Forest).
– Improved model performance by 15% in MAE and 20% in RMSE through data preprocessing, feature scaling, and engineering.
– Deployed the model as a Streamlit web application, enhancing accessibility and user interaction while optimizing project structure, leading to a 30% increase in maintenance efficiency

AI-Powered Career Counselor Website   **HTML, CSS, JavaScript, ML.**

– Currently developing an AI-driven platform for personalized career guidance.
– The website features an interactive chatbot, tailored career roadmaps, a curated resource hub, and secure user authentication.
– Designed a responsive UI and integrated AI capabilities to empower users in making informed career decisions

Internships

Accenture Data Analytics and Visualization Job Simulation | Forage   **Sept 2024**

– Completed a virtual internship simulating a real-world client project, focusing on data cleaning, analysis, and visualization using Excel and Power BI.
– Identified key business insights from sales data to help the client, Social Buzz, improve digital marketing strategies and customer engagement.
– Delivered a compelling data-driven presentation and dashboard, showcasing actionable recommendations to support decision-making for stakeholders.

Certifications

• Completed Python for DataScience on NPTEL.

• Completed Salesforce Developer on EXCELR.

• Completed Fundamentals of digital marketing on Google.

Achievements and Activities

• Published a research paper titled "Decentralized Web3 Blockchain Crowdfunding Platform" in the International Journal of Innovative Research in Technology (IJIRT).
• I volunteered for a social welfare association named FOR A CAUSE, an initiative started by our alumni and supported by our college. For my contribution during the academic year 2023–24, I was honored with a Certificate of Excellence.
• I actively work as a freelancer on AI, Machine Learning, and Data Analytics projects. This hands-on experience has helped me apply theoretical knowledge to real-world problems and continuously expand my skill set.