DEEKSHITH N

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PROFESSIONAL EXPERIENCE

CODSOFT   **Remote**

Python Developer Intern   *July 2024 – Sep 2024*

- **Developed Python-based applications** focusing on backend logic, automation, and data handling, improving efficiency and scalability.
- **Worked on real-world projects**, applying Python, Flask, and machine learning concepts to build functional and optimized solutions.

EDUCATION

ATME College Of Engineering, Mysore   **2022-2026**

Bachelor of Engineering, Computer Science with Artificial Intelligence and Machine Learning – 9.0 CGPA(until 5th sem)

Nisarga Independent PU College, Kollegala   **2020-2022**

PCMB - 84%

PROJECTS

Car Price Prediction

- Engineered a machine learning model using Pandas, NumPy, and scikit-learn to accurately predict car prices based on historical data and key vehicle attributes.
- Implemented Random Forest, XGBoost, and Linear Regression models, optimizing hyperparameters to improve prediction accuracy and model generalization.
- Designed and deployed a Flask-based web application, integrating the predictive model to enable real-time user interaction and price estimation.

Medicine Recommendation System

- Developed an AI-powered recommendation system utilizing machine learning algorithms to suggest medicines based on symptoms and patient data.
- Applied natural language processing (NLP) and classification techniques to analyze input symptoms and provide personalized medication, precaution, workouts, diets recommendations.
- Enhanced system performance through data-driven insights, model fine-tuning, and efficient API integration for seamless user experience.

TECHNICAL SKILLS

- **Programming Languages:** Python, C,HTML,CSS, Javascript
- **Technologies/Frameworks:** AI & Machine learning, Deep Learning ,Git & Github, Flask
- **Soft Skills** - Communication, Leadership, Presentation, Management

ADDITIONAL INFORMATION

- **Hackathons/Competitions:**
  Participated in Tech Tonic 2024 hackathon at DSATM as part of AI PIONEER'S team, developing AI/ML-based solutions.
  Participated in external coding contests on platforms like CodeChef, LeetCode, and HackerRank to enhance problem-solving and algorithmic skills.

- **Languages:** English (Professional), Kannada (Native), Hindi (Limited)
- **Interests:** Open-Source Software, Cricket, Teaching, Bug Bounty, Fitness