NIKHIL V

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SUMMARY

AI and Data Science student with hands-on experience in machine learning, full-stack development, and LLM integration. Proficient in Python, Flask, and Tableau, with a strong foundation in building real-world applications. Completed internships in AI and Data Analytics, delivering impactful, user-focused solutions.

EDUCATION

B.Tech - Artificial intelligence & Data science   **2024-Present**
Karpagam College Of Engineering With 7.4 CGPA

Diploma- Artificial intelligence & Machine learning   **2021-2024**
 Thiagarajar Polytechnic College With 88%

TECHNICAL SKILLS

Languages: Python
Web: HTML, CSS, JavaScript, Node.js
Libraries/Frameworks: React, Express, TensorFlow, Scikit-Learn
Tools: Git, Postman, VS Code
Databases: MongoDB, SQLite

PROJECTS

AI-Based Product Recommendation System
Tech Stack: Python, SQLite, HTML, CSS, JavaScript
- Created a web app to recommend products based on user demographic and purchase data
- Used Python logic to fetch data from SQLite and display recommendations by customer ID
- Developed a clean, responsive frontend and deployed on Render

AI Chatbot using Ollama LLM
Tech Stack: Python, Flask, JavaScript, Ollama
- Developed a full-stack AI chatbot using Ollama LLM for dynamic natural language interaction
- Engineered backend in Flask and integrated with a responsive, animated frontend
- Achieved smooth LLM response handling and UI rendering through modular design and async processing

INTERNSHIP EXPERIENCE

AI Intern (Virtual) – Internship Studio
- Built a face recognition model using Artificial Neural Networks (ANN)
- Gained hands-on experience with model training and testing on image datasets
- Explored basic AI pipelines and improved understanding of supervised learning

Data Analytics Intern (Virtual) – Deloitte Forage
- Built interactive dashboards using Tableau to visualize business data
- Delivered data-driven insights and recommendations for client scenarios
- Completed a virtual job simulation focused on real-world analytics tasks

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi, Tamil.
- **Certifications:** IBM – Generative AI for Software Development, Google Gen - AI Badge, Great Learning – Machine Learning Algorithms, HP – Data Science & Analytics, Thiagarajar Polytechnic College – Ideathon Certificate (4th Place Winner), POSTMAN - API Student Expert.