RANA MEET D.

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EDUCATION

New L.J. Institute of Engineering and Technology (GTU) | Ahmedabad,Guj | | Expected-April-2025 |
Bachelor of Engineering (BE)
Major in Computer Science; Minor in Aritifical Intelligence & Machine Learning.
Cumulative CGPA: 8.00/10 | Graduation - Year 2024-2025.
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Machine Learning.

SKILLS

Technical Skills: Python, JavaScript, Sql.

Web Frameworks: Django, FastAPI.

Library: React, Numpy, Tensor Flow, Scikit Learn.

Developer Tools: Github, Git, Vs.Code.

Soft-Skills: Problem-Solving, Analytical-Reasoning, Communication, Team-Work.

Certificates & Training: Online Course in Prodigy (Internship), Great Learning: Python With Django.

WORK EXPERIENCE

Python Developer Intern | Grownited Pvt. Ltd.(Offline Internship) | Jan-2025 | Apr-2025 |

- Developed the FarmStack Urban Service project during an offline internship at GrowNited Pvt. Ltd., using Python with FastAPI for the backend and React with MUI for the frontend interface.
- Implemented efficient data handling and analytics using Pandas and NumPy, ensuring smooth service management and user interactions.
- Focused on performance improvement through code optimization, debugging, and applied modern web development best practices for scalable, full-stack application delivery.

Python Developer Intern | Prodigy (Online Internship) | Dec-2023 | Apr-2024 |

- Developed Python applications focusing on efficiency and scalability, utilizing libraries like Pandas and NumPy for data manipulation and analysis.
- Collaborated on real-world projects, gaining hands-on experience with coding best practices and improving application performance through debugging and optimization code and modules.
- Documented code and project workflows to ensure seamless team collaboration.

PROJECTS

Urban Service Project – FarmStack | GrowNited Pvt. Ltd. (Offline Python Internship) | Jan | 2025 |

- Built a full-stack web application to manage and streamline urban services like plumbing, electrical work, and household maintenance. The platform connects users with nearby verified service providers and allows admins to review and approve registrations.
- Developed using the FARM stack — FastAPI (backend), React with Vite and Material UI (frontend), and MongoDB with Motor and BSON for asynchronous and efficient data operations. Ensured data validation with Pydantic and deployed the backend using Uvicorn for fast performance.
- The project aimed to digitize and organize local service delivery for improved accessibility, trust, and efficiency in urban areas.

Disease Prediction Website Using Machine Learning | May | 2024 |

- Automated disease prediction based on user input, providing real-time insights.
- Generated detailed health reports with personalized treatment recommendations, precautionary measures, and advice on dietary supplements to boost immunity.
- Integrated telehealth functionality, enabling users to consult healthcare professionals remotely for expert guidance and care. Designed with a secure database to store user data while ensuring privacy compliance.

ACTIVITIES

Gandhian Engineering Idea Competition (GEIC) | May | 2024 |

- Presented an innovative idea, "Multipurpose Artificial Autonomous Drone" , focused on defense and civilian applications.
- Authored a detailed project report outlining the technical architecture, applications, and potential impact of the drone.
- Received recognition for creativity, technical feasibility, and alignment with sustainable development principles.

ISRO Course Participation (Online) | June | 2023 |

- Contributed to a collaborative online course with the Indian Space Research Organization (ISRO), gaining hands-on experience in space technology and systems.