GRANTH SATSANGI

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PROFESSIONAL SUMMARY

A self-driven and technology-enthusiastic engineering student from a reputed institute with a strong passion for building intelligent and scalable solutions. Skilled in programming, software development, and machine learning, with a keen interest in problem-solving and innovation. A quick learner with strong analytical and collaborative abilities, seeking an entry-level opportunity to contribute to impactful projects and grow as a developer and technologist in a dynamic team environment.

EDUCATION

Bachelor of Technology - Computer Science & Engineering
VIT Bhopal University | 9.11 CGPA | 2023 - 2027
Specialization: Artificial Intelligence & Machine Learning
Higher Secondary Education (Class XII) | 2023
Salwan Public School, Gurgaon | CBSE Board
Pracheen Kala Tabla Graduate | NCC 'A' Certificate

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, R
Web Technologies: HTML, CSS, JavaScript, React, Express, Next, Tailwind
ML/DS: scikit-learn, pandas, NumPy, Matplotlib, Seaborn, PyTorch, TensorFlow, BeautifulSoup
Tools & Technologies: Git, GitHub, Jupyter Notebook, VS Code, Tableau, Excel, MATLAB, Linux
Databases: MySQL, MongoDB
MLOps/Cloud: AWS , OCI, Git/GitHub, Jupyter, Docker, Kubernetes

PROJECTS

Parkinson's Disease Prediction | Python, Machine Learning, Data Analysis | September 2024 - December 2024
- Created a working Parkinson's disease prediction model that works on the basis of speech recognition
- Multiple features are extracted from the speech input and prediction using a Bi-LSTM model is made on the basis of the same
- Achieved over 95% accuracy

Virtual Mouse using Hand Gestures | Python, Computer Vision
- Used modules such as pyautoGUI and openCV to create a functioning virtual mouse that maps hand movement to cursor movement and enables user to move mouse and use it based on hand gestures

EduSaarthi Teacher Helper App | React, Next, openAIAPI, MongoDB, RestAPI | January 2025
- Built a real-time multilingual chat platform using Next.js and TypeScript, supporting seamless English–Hindi switching to improve accessibility and user experience
- Implemented AI-driven conversational workflows using OpenAI GPT-4o-mini API and MongoDB-backed chat persistence, enabling scalable and low-latency interactions
- Enhanced usability through state management with Context API, global caching, active navigation indicators, and responsive, mobile-first UI with smooth animations

CERTIFICATIONS

OCI Certified Generative AI Professional | Oracle | 2025
Applied Machine Learning in Python | Coursera | 2025
OCI Certified Data Science Professional | Oracle | 2025
OCI Certified DevOps Professional | 2025
Oracle Cloud Infrastructure 2025 AI Foundations Associate | Oracle | 2025
Cloud Computing | NPTEL (IIT Kharagpur) | 2025
Machine Learning Fundamentals | Coursera | 2024

EXPERIENCE

Digital Transformation Intern | Silverskills Pvt. Ltd. | May 2023 - July 2023
- Collaborated with a team of developers to build programs that helped analyze the trends in client companies
- Learnt about different data analyzing libraries and better representation of them
- Created web scraping applications to aid in obtaining relevant data when needed

AI Engineer Intern | amasQIS.ai | April 2025 - September 2025
- Created Human Resource Management application components
- Used WebSocket and Express for backend connectivity with MongoDB to provide user real time updates
- Familiarized with different AI models and their working based on real world applications