

VIBHUSHIT TRIVEDI

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Undergraduate student in Information Technology and a passion for Software Development, Machine Learning, Data Analysis roles. Skilling myself in Python, AI and Machine Learning modules. With problem-solving abilities and a keen eye for detail.

INTERNSHIPS

CELEBAL TECHNOLOGIES (CLOUD INTERN)

JUNE 2024-AUG 2024

- Implemented Hub topology, DNS Forwarding VM and Establish a secure connection between the on premises data center and the hub VNets via Azure Application Gateways.

PROJECTS

STOCK PRICE PREDICTION USING LSTM

- Developed a Long Short – Term Memory (LSTM) network model to forecast stock prices based on historical data.
- Utilized Python libraries such as Tensorflow and Pandas for model development and data manipulation.

AI SPEECH RECOGNITION SYSTEM USING OPENAI

- Developed a Speech Recognition system leveraging OpenAI's Whisper model and Gradio for user – friendly interface creation.
- Integrated OpenAI's language model to transcribe and process spoken language with high accuracy and implemented a Gradio-based web interface to allow real-time voice input and display transcriptions.

PYTHON VOICE ASSISTANT

- Developed a voice assistant web search box using Python, incorporating Natural Language Processing (NLP) and Speech Recognition libraries such as SpeechRecognition and Pytsx3.
- Implemented functionalities including voice command recognition, task automation and integration with various API's (weather updates, reminders).

TECHNICAL SKILLS

- Programming: **Python, SQL, Java, Object oriented programming**
- Data Structures and Algorithms**
- Database Management Systems: **MySQL Server , PostgreSQL**
- Cloud Platform: **AWS, GCP**
- Visualization tools : **Tableau**
- Tools and OS: **Linux , Windows, Git & Github**
- Soft Skills: **Problem-solving, Analytical thinking, Communication, Team collaboration, Leadership, Quick learner**

EDUCATION

NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY

Bachelor of Technology in Information Technology / CGPA: 8.46

Gautam Buddha Nagar, India

2021-2025

PT. DEEN DAYAL UPADHYAYA SANATAN DHARMA VIDYALAYA (CBSE)

Higher Secondary School (12 STD) / Percentage : 93.2 / 100

Kanpur, India

2018-2019

CERTIFICATIONS

- Google Cloud Fundamentals: Core Infrastructure** by Coursera
- Essential Google Cloud Infrastructure: Foundation** by Coursera