Shreyas Johri

Contacts

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About Me

A highly motivated final-year student of Bachelor of Computer Science with Business Systems at Vellore Institute of Technology , seeking to secure a responsible career opportunity to fully utilize my training and skills while contributing significantly to the success of the company. Possess exceptional communication and interpersonal skills with a proven ability to work independently and as part of a team.

Education

VIT University | Andhra Pradesh, India
B.Tech Computer Science (2021–25)
Current CGPA - 8.9

Ramjas School ,Anand Parvat | New Delhi , India

Senior Secondary(XII),Science - 2021
CBSE Board – 92.4%

Secondary (X) - 2019
CBSE Board – 90%

Skills

- Data Science - AI ML, Deep Learning , NLP
- Gen AI LLM - Mistral , Lamma , Gemma
- Programming - C++ , Python
- Fullstack - HTML , CSS , Flutter
- Data Analytics - Power BI , SQL
- Cloud - AWS S3, EC2, ECS
- Ops - Docker, Github

Certifications

- Amazon certified AWS Solutions Architect (2024 - 2027)
- AI and ML Certificate Powered by Google Developer
- Ultimate AWS Certified Solutions Architect Associate SAA-C03 (Udemy)
- Flutter and Dart [2024 Edition] (Udemy)

Academic Project

- **VocalCode - Voice Based Code Generation**
  AI - GenAI
  - **Objective**: Making a compiler which makes websites based on the needs of the user given by him through voice input . (might include coding languages also like C++ , C , Python , Java)
  - **Skills:** LLM (Llama 3.2) , HTML , CSS , JS , STT(Speech Recognition) , Python

- **Developed a URL-based Phishing Detection System**
  Info Security
  - **Objective**: Leveraging advanced machine learning algorithms to analyze and classify website URLs based on phishing patterns .
  - **Skills**: Machine Learning, Deep Learning URL Feature Extraction, Cybersecurity, Data Preprocessing, Python.

- **ASL (American Sign Language) Detection**
  AI - CNN
  - **Objective**: Leveraged advanced computer vision and machine learning algorithms to analyze and classify American Sign Language gestures .
  - **Skills**: Machine Learning, Deep Learning, Python, Data Preprocessing.

Industry Experience

- **InTrainTech (Edutech & AI)** *July 2024 - December 2024*
  - Worked on interview bot which leverages the use of Mistral , Llama .
  - Using STT(Whisper Model or Fast Whisper) along with VAD for efficient speech input .
  - using Text-to-Speech engine (Google TTS and FastSpeech) .
  - Using BERT and Sentence Transformers along with Cosine Similarity for scoring answers .
  - Compiler Design - Made an online CPP , Python , C , JAVA compiler.
  - Digital Marketing App - Text Generation & Image Generation using Generative AI LLM .
  - Bulk Email campaigning

- **PyramidAI Hub (Retail Automation)** *May 2024 - July 2024*
  - Implemented YOLOv10 object detection to track product placement, improving visibility and accuracy by 92%.
  - Utilized SAM for precise image segmentation to enhance product labeling and shelf analytics in planograms.
  - Developed image recognition for planogram compliance, and correct placement of products .

Research

- **IOT AI - Intelligent Lock System**
  - Intelligent Door Locking system Leveraging Bluetooth, Wi-Fi, Face Recognition, and 4X4 matrix keypad for Robust Access Control of Door Lock.
  - GitHub - https://github.com/mrjohri/Intelligent-Smart-Lock/tree/main A very robust solution for secure locking systems .

References

Baishalini Sahu 🔗
Lead Data Science Consultant

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