Devansh Guttikonda

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EDUCATION

PES University|*B.Tech Computer Science Engineering - CGPA: 8.50*   September 2021 - Present
- **MRD Scholarship** - PES University - Awarded to the top 20% of students in the batch
- **Teaching Assistant** - Centre Of Innovation and Entrepreneurship - Level 1
- **Event Lead** - Esummit, Maaya '23 and '24 hosted by the Entrepreneurship Club

Gear Innovative International School   June 2019-June 2021

*CBSE Class 12 Science : **88%** | CBSE Class 10 - **91.6%***

SKILLS

Technical Skills: TensorFlow, Keras, Pytorch, Pandas, Scikit, Numpy, Shapley, LIME, DeepLift, XGBoost
Languages: Python, C++, Java, R
Databases: MySQL, MongoDB, Neo4j
Tools/Frameworks: AWS, Docker, Kubernetes, Jenkins, Git, React, Postman
Coursework: Web Development, LLMs, Deep Learning, Data Analytics, Cloud Computing, Graph Theory

EXPERIENCE

Sensara Technologies   March 2024 - Present

Research Project- Aerospace and Defence Domain
- Executed ETL processes on a dataset comprising **10,000 rows of raw material data** from Excel
- Engineered a **deep learning framework** to accurately estimate costs across **various phases of the manufacturing process**, tailored to industry-specific needs
- Designed and implemented an interactive dashboard using **ReactJS**, featuring visualizations powered by **Explainable AI Frameworks : Shapley and DeepLift** to enhance decision-making in business use cases

E-commerce Startup   June 2023 - August 2023

Data Analyst Intern
- Developed an **ETL pipeline on 150,000 rows** of sales data, integrating **Magento and Viniculum** datasets through APIs, with configuration and testing streamlined using **Postman**
- Deployed a Unified data store on **Zoho Analytics** for real-time trend analysis
- Built custom dashboards to visualize sales KPIs, tailored to client-specific requirements

Centre Of Innovation and Entrepreneurship   Jan 2023 - May 2023

Project Lead
- Collaboratively led a team through all stages, from **ideation and prototyping to customer discovery and validation**, to build an **Extended Reality** educational platform
- Developed and validated a **Minimum Viable Product (MVP)** by engaging with potential users, ensuring a compelling value proposition for the consumers

PROJECTS

Youtube Viralomics | *Python, Pandas, NumPy, Scikit-Learn, YouTube Data API, Git,VS Code*   April. 2024
- Curated a **dataset of 10,000** trending YouTube videos by engineering features using the **YouTube Data API**
- Conducted **statistical data analysis** to develop a novel framework for measuring virality, termed **"Viralomics."**

CloudCommerce | *Docker, Kubernetes, Jenkins, Git, ReactJS, MongoDB*   March 2021.
- Developed **REST APIs** for user, product and order management modules, facilitating efficient communication
- Used Docker and Kubernetes for **containerization and orchestration of microservices** for scalable deployment
- Automated CI/CD pipeline with **Jenkins and Git** for **seamless integration and version control**

AttendAI | *Python, OpenCV, MySQL, Tkinter, Git*   August. 2022
- Developed a facial recognition-based attendance logging system for educational institutions
- Implemented **real-time facial recognition using OpenCV** for accurate attendance tracking
- Integrated **MySQL for database management** and Tkinter for user interface development