Vedulla Navya Sri

✉ navyasri.v@zentreelabs.com in linkedin.com/navya-sri-vedulla ✆ +91 9542062569

I am a machine learning engineer with over 3 years of experience in developing ML models and testing. I am skilled in using programming languages such as Python and frameworks like PyTorch to create ML models for computer vision and natural language processing

SKILLS

- **Languages** : C/C++, Python, CUDA Kernel programming
- **Deep learning Frameworks** : Pytorch, numpy, pandas, langchain
- **Deep learning Architectures** : CNNs, Transformers, BERT, LLMs
- **Deeplearning Tools** : Netron

EXPERIENCE

Zentree Labs   Jan. 2022 – Present
R&D Engineer

- Hands-on experience developing and optimising deep learning models like EfficientNet, EfficientDet
- I have worked on Transformers like BERT, large language models

Wipro   Oct. 2020 – Oct. 2021
ML Engineer

  Project: Validation of Qunatized Models

  Description: Reported validation of model accuracy before and after quantization

PROJECTS

Optimized LLM for Autonomous HR−ChatBot

- The goal of the HR−ChatBot project is to employ LLM technology to efficiently assist with HR−related chores and streamline them
- Through the use of large language model, Falcon, as well as LangChain's agent and tool modules, the chatbot can process and answer a wide range of HR queries

Privacy-Preserving Machine Learning in Horizontally Distributed Data

- The main problem in a distributed system is when data is spread over several sites, possibly exposing sensitive information while training the data, particularly in the healthcare and finance industries.
- Explored Various Privacy preserving techniques and different types of Discrete logarithm problems
- Implemented efficient algorithm by acheving privacy of data

Pharmaceutical Supply Chain Management Authentication using Blockchain

- Counterfeit drugs is an expanding serious issue associated with the healthcare industry which causes extreme threats to the society. The traceability of the drugs throughout the pharma supply chain is a difficult task
- Blockchain can be used in supply chain management for provenance tracking, cost reduction, establishing trust by avoiding and tracking counterfeit products

EDUCATION

University of Hyderabad   July 2023
M.Tech Information Security   *CGPA: 8.97*
JNTUK | Aditya Engineering College   Oct. 2020
B.Tech Computer Science   *CGPA: 8.5*