




GANAVENA ABHINAY

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Skills Summary

I specialize in creating responsive, user-friendly, and visually appealing web applications using technologies like HTML, CSS, JavaScript, and modern frameworks like Tailwind CSS. I have a good command of programming languages such as Python, Java, and C, which I use to create innovative solutions and develop new projects.

Skills

Languages: HTML/CSS(intermediate),JavaScript(Basic),C(basic),Java(intermediate), Python(intermediate)
Tools: Figma,VS code,Pycharm

Projects

Optimizing Universal Language Models for Domain-Specific Text Classification

jan 2025– may 2025

- Developed an optimizing Universal Language Models (ULMFiT) for domain-specific text classification tasks, such as sentiment analysis and topic classification, using datasets like IMDb, Yelp, and AG News. By leveraging ULMFiT, a transfer learning-based model pretrained on a general corpus (WikiText-103), I fine-tuned it for specialized tasks, dramatically reducing the need for large labeled datasets while maintaining high accuracy.
- **Key technologies used:** Python, ULMFiT, PyTorch, Hugging Face, NumPy, Pandas, GPU-enabled systems

Detection of AI Generated Text Using Machine Learning

jan 2024– july 2024

- Developed a machine learning-based approach to detect AI-generated text in academic and professional environments, addressing the increasing challenge posed by tools like ChatGPT. The project involved the application of natural language processing (NLP) techniques to analyze text characteristics such as vocabulary usage, syntax, coherence, and fluency to distinguish human-written content from AI-generated material. Utilized TF-IDF vectorizer for feature extraction and machine learning algorithms, including Support Vector Machine (SVM) and Decision Trees, to build a reliable detection model.
- **Key technologies used:** Machine Learning, Natural Language Processing, Python, Scikit-learn, Tf-IDF Vectorizer

Professional Certification

- | | |
|---|-------------------|
| • Internship Completion, Cognifyz | Feb 2025–Mar 2025 |
| • Introduction to Data Science course , CISCO | Jan 2025 |
| • GenAI Job Simulation, Forage | Jan 2025 |
| • Soft Skills, NPTEL | Oct 2024 |
| • Prompt Design in Vextex AI, Google Cloud | Sep 2024 |
| • Python for Data Science, COGNITIVE CLASS.ai | Aug 2024 |

Technical Skills

Programming Languages: Java, Python, HTML, CSS, Javascript
Tools: Figma,GitHub, VS Code
Database: SQL, MySQL
IDE:VS Code,Jupyter Notebook,Pycharm

Qualifications

B.Tech in Computer Science and Engineering (AI and ML)

2022-2026

B V Raju Institute of Technology

CGPA: 8.16 (As of Semester-5)

Telangana State Board of Intermediate Education

2020-2022

Alphores Junior College

Percentage: 98

SSC board

2018-2020

Krishnaveni Talent School

GPA:10

ADDITIONAL SKILLS AND INTERESTS

Technical Interests: UI UX Design,Coding, Machine Learning, Deep Learning, Web Development

Languages: English, Telugu, Hindi

PERSONAL PROFILE

Date of Birth: 22 February 2005

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