LAKSHMI ANEESHA AMBATI

Second-year Student

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EDUCATION

Vellore Institute of Technology, Vellore
Bachelors in Computer Science Engineering
(Data Science Specialisation)
2023-2027

CGPA - 9.25

SKILLS

- Programming Languages: Python, Java, C, C++
- Data Structures & Algorithms
- Object-Oriented Programming
- Web Development: HTML, Tailwind CSS
- Machine Learning Fundamentals
- Version Control: Git, GitHub
- Soft Skills: Communication, Teamwork

CERTIFICATIONS & TRAINING

Summer Training Program in AI & Machine Learning
Institute: IIT Hyderabad
Organized by: Techobytes

Gained hands-on experience in AI and ML, focusing on both theory and practical applications. Key projects included:
- **Voice Cloning with RVC**: Developed a voice cloning model using the RVC framework.
- **Generative AI for Film Creation**: Utilized generative AI tools to create a short film, combining AI techniques for visual storytelling.

Certified Entry-Level Python Programmer (PCEP)
Issued by: Python Institute | *Date: March 5, 2024*

Validated proficiency in Python programming, including key concepts such as variables, data types, control structures, functions, and object-oriented programming.

PROJECTS

Credit Card Fraud Detection

- Developed a fraud detection model using a credit card transaction **dataset from Kaggle** on **Google Colab**.
- Applied **under-sampling** techniques to handle **unbalanced data**.
- Built and trained a **logistic regression** model for fraud detection.
- Analysed and evaluated **model accuracy** to assess performance in detecting fraudulent transactions.

GITHUB LINK

News Article Summarizer with Sentiment Analysis

- Developed a Python desktop app using **Tkinter, Newspaper3k, and TextBlob** for news article summarization and sentiment analysis.
- **Automated URL parsing** for content extraction and summary generation.
- Integrated **sentiment analysis** to assess article tone (positive, neutral, negative) with an intuitive GUI.

GITHUB LINK

Personal Portfolio Website

- Developed a visually stunning personal portfolio website using **React, Tailwind CSS, and JavaScript**, featuring smooth **routing**.
- Designed a responsive, user-friendly interface to effectively highlight skills, projects, and achievements, ensuring optimal performance on all devices.

GITHUB LINK

EXTRACURRICULARS

Core Committee Member of ISTE
AUGMENTRIX: Gaming Workshop | Technical Support
GRAVITAS - VIT's Technical Festival

Technical Support for AUGMENTRIX Game Development Workshop at GRAVITAS, VIT's Technical Festival, assisting with Unity and Visual Studio setup and troubleshooting.

Toastmasters Member | Presentation Mastery Path
(Level 1 in progress)

Developing public speaking and presentation skills through the Presentation Mastery path, focusing on confidence-building, speech structure, and constructive feedback.