



# LikithVijaySaiLakkoju

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## EDUCATION

### Vishnu Institute of Technology

Artificial Intelligence

and Data Science

GPA: 8.12

July 2020 – June 2024

### Aditya Junior College

MPC

GPA: 8.02

June 2018 – April 2020

## LINKS

Github: [LikithLakkoju](#)

LinkedIn : [likith-lakkoju](#)

HackerRank : [20pa1a5427](#)

## COURSEWORK

### UNDERGRADUATE

Machine Learning

Deep Learning

Data Structures

Object Oriented Programming

Database Management System

Operating Systems

## SKILLS

### TECHNICAL SKILLS

- Python
- SQL
- HTML
- CSS
- Pandas
- NumPy

### SOFT SKILLS

- Team Work
- Communication Skills
- Critical Thinking
- Problem Solving

## EXPERIENCE

### AI-ML Virtual Internship | EduSkills

July 2022 – September 2022

- Gained hands-on experience in machine learning, natural language processing, and computer vision.
- Contributed to projects involving the application of AI techniques in real-world scenarios.
- Developed a strong understanding of the fundamentals and practical aspects of AI technologies.

## PROJECTS

### Enhanced Cell Segmentation through Integrated STN in U-Net | [Link](#)

Apr 2024

- Implemented cell segmentation using Spatial Transformer Networks (STNs) within U-Net architecture, utilizing Python libraries like NumPy, Matplotlib, OpenCV, TensorFlow, and Keras.
- Developed processes in Google Colab and Jupyter for preprocessing microscopic cell images, generating mask images as output, enhancing biomedical image analysis.
- Leveraged Gradio for interactive model deployment and collaborated on data sharing and version control using GitHub and Kaggle platforms.

### Youtube Video Summarization | [Link](#)

Apr 2024

- Developed a Streamlit web application leveraging Python, Google Generative AI, and the YouTube Transcript API to automatically generate detailed notes from YouTube videos.
- Implemented functionality to extract video transcripts using the YouTube Transcript API and concatenate them into a single text string for processing.
- Used Google's Gemini Pro AI to create concise video transcript summaries, enhancing accessibility and productivity.

### Email Spam Detection | [Link](#)

Feb 2023

- Developed a machine learning model using Python, NumPy, and Pandas to accurately identify spam emails.
- Leveraged logistic regression, a powerful algorithm, for effective classification of spam emails, improving email filtering and reducing the risk of falling for fraudulent or unwanted messages.
- The model's implementation included data processing and analysis using popular Python libraries, ensuring robust and accurate results.

## CERTIFICATIONS & WORKSHOPS

**OBIP-SIP Certificate in Data Science** | Oasis Infobyte

**Fundamentals of Data Analytics** | LEAPS BY ANALYTICA

**Machine Learning Foundations** | Amazon Web Services

**Fundamentals of Deep Learning** | NVIDIA