



# Akash Kalasagond

## BTech - Computer Science Engineering

### Synopsis

An Aspiring Engineer, Motivated engineer specializing in AI/ML and Data Engineering. Proficient in Python, with deep expertise in Deep Learning, Neural Networks, SQL, Computer Vision, and Image Processing. Eager to contribute to team success in a dynamic work environment. Seeking full-time opportunities

### Academics

**Woxsen University | Hyderabad**

2021 - 2025 | BTech CSE

**Tungal PU Science College | Vijayapura, Karnataka**

2019- 2021 Intermediate - PCMB

**ACT - Sharada Public School | Vijayapura, Karnataka**

2012 - 2019 | CBSE

### Experience

#### Internship Trainee

Exposys Data Labs | Bangalore, Karnataka

(Dec 2023 - Jan 2024)

##### Objective & Output:

- Completed a diabetes prediction project during my Data Science internship at Exposys Data Labs.
- Developed a robust predictive model using a Multi-Layer Perceptron (ANN) in Python.

##### Tech Stack:

- Data Science, Multi-Layer Perceptron (ANN), Python

### Projects

#### Medical image Anlaytics for Gastro Disease Diagnosis

- Research Objective: Classification and detection of gastrointestinal diseases leading to mortality
- Focus: Detection of lesions in Wireless Capsule Endoscopy (WCE) images and quantification of their areas.
- Output: Intention to present findings in a conference paper, contributing to the broader scientific community's knowledge in healthcare.

#### Alzheimer Disease Dementia Classification

- Objective & Output:
  - Develop a user-friendly Streamlit interface for classifying Alzheimer's Disease stages using neuroimaging data.
- Tech Stack:
  - Deep Learning, Computer Vision, Streamlit.

#### EthiTech - Empower, Innovate, and Succeed

- Objective & Output:
  - Executed "EthiTech," a Societal Internship project.
  - Developed a fully functional website, offering a seamless user experience for students exploring ethical approaches to technology.
- Tech Stack:
  - Web Development, Ethical Insights, Societal Internship Project.

### Certification

- 2022 - 2023 | Machine Learning with Python
- 2022 - 2023 | Python Data Structures
- 2022 - 2023 | Welcome to ServiceNow

### Contact

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<https://github.com/Akashkalasagond>

[https://akashkalasagond.github.io/My\\_Portfolio/](https://akashkalasagond.github.io/My_Portfolio/)

### Technical Skills

- Python
- Exploratory Data Analysis
- Full Stack Development (MERN)
- Power BI
- Deep Learning
- Computer Vision
- Image Processing
- SQL

### Professional Skills

- Strong interpersonal skills
- Time management skills
- Emotional Intelligence
- Adaptability

### Extra Curriculars

- Student Placement Representative for the Placements Cell at Woxsen University (2023-24)
- Served as Campus Ambassador from 2022-24 at University
- Organized and hosted interactive sessions for students aligning with Woxsen's Leadership Series