

# Pradyumna Digraskar

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## EDUCATION

### CSMSS CSCOE

B-TECH IN ARTIFICIAL INTELLIGENCE

AND DATA SCIENCE

Sep 2022 - July 2025

CGPA: 8.40 / 10.0

## COURSEWORK

Deep Learning

Machine Learning

Artificial Intelligence

Data Science

Natural Language Processing

Computer vision

Generative AI

Agentic AI

Probability and Statistics

## LINKS

[Github://pradyumnadigraskar](https://github.com/pradyumnadigraskar)

[LinkedIn://pradyumnadigraskar/](https://www.linkedin.com/in/pradyumnadigraskar/)

[Kaggle://pradyumna2710](https://www.kaggle.com/pradyumna2710)

[HuggingFace://pradyumnadigraskar](https://huggingface.co/pradyumnadigraskar)

## SKILLS

Programming languages:

- Python
- SQL
- HTML
- CSS
- JavaScript
- AWS
- Fast API
- Flask

Databases:

- ChromaDB
- MySQL
- SQLite
- Pinecone
- Qudrant

Data Science tools:

- Tensorflow
- Pytorch
- Transformers
- scikit-learn
- Pandas
- NLTK
- OpenCv
- Langchain
- LamaIndex
- Numpy
- Langraph
- Tkinter
- MLOps
- LLM
- DVC

Tools:

- Git
- GitHub
- Docker
- AWS
- GitLab
- Kubernetes
- Prometheus
- Grafana

## CERTIFICATIONS

[Machine Learning](#)

[Python Programming](#)

[NPTEL Deep Learning](#)

[Natural Language](#)

[Processing](#)

[Reinforcement](#)

[Learning Foundations](#)

## EXPERIENCE

### Flynaut SaaS Private Limited

| AI Engineer Intern  
Jun 2025 - Dec 2025 (On Site)

- Designed and built an end-to-end RAG-based Chabot that allows users to perform natural language queries on a specific corpus
- Gained practical experience in cloud operations by deploying and managing application resources on AWS.

### Tech-Advance Global Solutions

| Data Science Intern  
Aug 2024 - Mar 2025 (Remote)

- Developed the 5ST-Vision Inspection System capable of categorizing components as "OK" or "Not OK". Learned to develop end-to-end applications.
- Trained the model using the YOLOv8-segmentation framework and fine-tuned it with a custom dataset for improved accuracy.

### Artistic Codes

| AI Engineer Intern  
Jan 2024 - Jul 2024 (Remote)

- Gained experience in performing Exploratory Data Analysis (EDA) and preprocessing on large datasets.
- Learned to develop end-to-end applications.
- Explored how to manage the task with the cross functional team and how to communicate effectively.

## PROJECTS

### [Indian Sign Language to Text/Speech translation](#)

- Designed a web application through which the Deaf/mute and normal person can communicate effectively.
- Used MediaPipe for tracking the key points on hands in real time detection of hand-gestures.
- Used Text-To-Speech model for converting text into speech in real time.
- Used Alphabet Sign language dataset and trained the model using Random Forest algorithm.

### [Generative AI Q/A Evaluation Chatbot](#)

- Developed a web application to accurately evaluate the question and answers regarding to particular topic.
- Used a LLM model called ollma and used its 7-Billion Parameter Model.
- Utilized the concepts of Gen AI and LLM to precisely extract the answers for evaluation.
- It is also able to precisely suggest the appropriate approach and help the users to estimate the answers more easily and accurately.

### [Generative AI Multimodal Chatbot](#)

- An Chatbot that can work on Text , Image , Video and Audio.
- Used a LLMs that work on text also vision models that works on image and Video generations.
- Utilized the concepts of Gen AI for to precisely Generation.
- Created a simple GUI that helps User to complete the desired task.

## ACHIEVEMENTS

- Solved 150+ problems on Leetcode using Python Language
- 5 star on HackerRank and solved SQL and Python Questions
- Gained Multiple Certificates related to Data Science