

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://www.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