

Sandesh Buchkul

Third Year (B.Tech)
Artificial Intelligence and Data Science
VIIT Pune

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LINKS

Github:// **Sandesh-01**
LinkedIn:// **Sandesh Buchkul**

SKILLS

PROGRAMMING LANGUAGES :

Python, C, C++, Dart, SQL

FRAMEWORKS :

Langchain, TensorFlow, Keras, Flutter, Flask

TOOLS :

Git, Github, Jupyter Notebook, Android Studio, Microsoft PowerBI, Tableau

CLOUD PLATFORM :

AWS, Jenkins, Terraform

OPERATING SYSTEMS :

Linux, Windows

OTHER SKILLS :

Data Structures and Algorithms, Generative AI, Operating System, DBMS, Deep Learning, Data Preprocessing & Analysis, Reinforcement Learning, Natural Language Processing, Computer Vision

SOFT SKILLS

Leadership, Public Speaking, Team Player, Communication , Quick Learner

Coursework

Data Structures & Algorithms
Object Oriented Programming
Design and Analysis of Algorithms
Computer Networks
Operating Systems
Machine Learning
Natural Language Processing
Data Science
Probability and Statistics
Augmented Reality / Virtual Reality

TECHNICAL PROJECTS

- Developed an AI-based PDF Analysis & Summarising Tool
 - Generative AI project with reading PDF files, chatting, and summarizing them using LangChain
 - Used Google PaLM 2 embedding and LLM, and FAISS for similarity search, Streamlit for Frontend
 - Deployed on AWS using Jenkins
- Optimizing LAN Network using Prim's Algorithm
 - Getting the No. of Builds and Their distances and giving a map of network formed using Prim's Algorithm
- Developing a chatbot Integrating LLM for an E-com Store
 - Chatbot that can answer questions of users stored in SQL & PDF format
 - Used Google PaLM 2, LangChain, Streamlit
- Car Damage Detection using Detectron 2
 - Developed a computer vision system for detecting car damages in images using Detectron 2
 - Technologies used: Python, PyTorch, Detectron 2, image processing, object detection
- Spam Detection
 - Utilized Natural Language Processing techniques and machine learning models to classify spam messages accurately

POSITION OF RESPONSIBILITY

2022- 23 **Joint Department Head**
I2IC & Training And Placement Cell, VIIT

2022- 2023 **Joint Publicity Head**
Cisco Networking Academy, VIIT

Achievements & Awards

2023 Applied for Copyright	Copyright
AI-based PDF Analysis & Summarising Tool	

Education

2021-2025 **Vishwakarma Institute of Information Technology**
B.Tech. in Artificial Intelligence and Data Science
CGPA : 9.03/10

2019-21 **Dr. N.J. Paulbudhe College , Ahmednagar**
HSC
Percentage : 97.33 %

20 **Podar International School , Jalna**
10th CBSE
Percentage : 93.4 %