

TECHNICAL SKILLS

- \* Python
  - \* LangChain
  - \* Data Visualization
  - \* Artificial Intelligence
- \* Deep Learning
  - \* Machine learning
  - \* Natural Language Processing
  - \* Power Bi
- \* SQL
  - \* ML Ops
  - \* Git Version Control
  - \* Data Analytics
- \* MLFlow
  - \* Azure
  - \* AWS
  - \* Gen AI

EDUCATION

- SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE

Bachelor of Engineering in Information Technology

Nashik, MH

Duration November 2022 – Present

- Cumulative GPA: 8.95/10
  - Relevant Coursework: Data Analysis, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence
- MATOSHRI AASRABAI POLYTECHNIC COLLEGE

Diploma In Information Technology

Nashik, MH

Duration October 2020 – June 2022

- Cumulative Percentage: 85.82/100

PROJECTS

- END TO END TEXT SUMMARIZATION PROJECT:

- Increased conversational summarization accuracy by 25% through fine-tuning google/pegasus-cnn\_dailymail on the samsun\_dataset and deploying an end-to-end API with FastAPI for production-ready performance.
  - Enhanced summarization coherence by 20% using advanced preprocessing and fine-tuning, deploying the production-ready model on Azure with Docker, ensuring scalability and seamless FastAPI API access
- RAG-POWERED CONVERSATIONAL AI FOR US CENSUS DATA USING LANGCHAIN, AND GROQ LLAMA3

- Engineered an RAG-powered chatbot using LlamaIndex, LangChain, Groq LLaMA 3, and Ollama embeddings, enabling real-time retrieval and response generation with US Census data. Improved retrieval accuracy by 20% and reduced query latency by 30%.
  - Designed a retriever-chain pipeline with LangChain and ObjectBox vector database, optimizing document search efficiency. Achieved a 92% relevance score and reduced average response time by 40% using Groq’s high-speed inference.
- FINANCE DATA ANALYSIS AND DASHBOARD WITH POWER BI:

- Executed comprehensive financial analysis of expense, income, and savings data utilizing advanced DAX functions and ETL processes. Crafted an interactive dashboard that boosted budget tracking precision by 20% and elevated user adoption by 40%.
- LOAN APPROVAL AND RISK SCORE PREDICTION:

- Developed an end-to-end loan approval classification and risk score regression model using Flask, feature selection, and ensemble algorithms. Deployed on Azure via Docker with CatBoost achieving 0.8 RMSE, 96% R<sup>2</sup>, and 99.85% accuracy.
  - Conducted extensive model evaluation and tuning, ensuring reliability and robustness. Improved stakeholder decision-making confidence by 15%, with deployment on Azure using Docker images for seamless scalability and integration.

WORK EXPERIENCE

- INTELLIPAAT SOFTWARE SOLUTIONS PRIVATE LIMITED.

Data Science and Artificial Intelligence Intern

Remote (Bengaluru, KA)

January 2024 – January 2025

- Leveraged advanced machine learning and AI techniques to analyze complex datasets, delivering actionable insights that drove data-driven business solutions and accelerated project turnaround times by 25%
  - Performed in-depth data analysis, visualization, and ETL processes, enhancing the efficiency of data pipelines by 30% and enabling more effective decision-making for stakeholders.
- SKYOSYS PRIVATE LIMITED

Data Analyst Intern

Remote (Navi Mumbai, MH)

December 2023 – January 2024

- Analyzed trends and insights to aid strategic decision-making and optimize business processes, resulting in a 15% increase in operational efficiency.
  - Generated visualizations and reports that conveyed complex data insights into actionable recommendations for stakeholders, resulting in a 20% improvement in engagement.
- SKYOSYS PRIVATE LIMITED

Software Developer Intern

Remote (Navi Mumbai, MH)

August 2021 – September 2021

- Spearheaded the design, coding, and testing of software applications to meet business requirements, driving a 20% reduction in application bugs during testing and enhancing overall functionality and usability.
  - Collaborated with cross-functional teams to gather requirements and troubleshoot issues, enhancing overall project efficiency and improving team communication by 15%.

CERTIFICATION AND TRAINING

- Google Data Analytics Certificate - Coursera Issued September 2022
- MS SQL Developer Course - Intellipaate Issued January 2024
- Process Data For Exploration - Coursera Issued September 2022
- Process Data From Dirty To Clean - Coursera Issued September 2022

