**Rushikesh Subhash Gaikhe** [GITHUB](https://github.com/rushikesh092002) [LINKEDIN](https://www.linkedin.com/in/rushikesh-gaikhe-3a1232228) Nashik |P:+91 8767923994| [rushikeshgaikhe09@gmail.com](mailto:rushikeshgaikhe09@gmail.com)

**TECHNICAL SKILLS**

**\* Python \* Deep Learning \* SQL \* MLFlow**

**\* LangChain \* Machine learning \* ML Ops \* Azure**

**\* Data Visualization \* Natural Language Processing \* Git Version Control \* AWS**

**\* Artificial Intelligence \* Power Bi \* Data Analytics \* Gen AI**

**EDUCATION**

**SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE** *Nashik, MH*

**Bachelor of Engineering in Information Technology** Duration *Nov 2022 – Present*

* Cumulative GPA: 8.95/10
* Relevant Coursework: Data Analysis, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence

**MATOSHRI AASRABAI POLYTECHNIC COLLEGE** *Nashik, MH*

**Diploma In Information Technology** Duration *Oct 2020 – June 2022*

* Cumulative Percentage: 85.82/100

# PROJECTS

## INTELLIGENT AI COVER LETTER & JOB APPLICATION AUTOMATOR:

* Engineered an AI-driven cover letter generator using LangChain, OpenAI API, and NLP, automating personalized job applications and reducing manual effort by 40% with intelligent resume parsing and job description analysis.
* Integrated LinkedIn job scraping and automated email applications using Streamlit, Selenium, and smtplib, enabling seamless job detail extraction, AI-driven content generation, and 30% faster application submission.

## END TO END TEXT SUMMARIZATION PROJECT:

* Increased conversational summarization accuracy by 25% through fine-tuning google/pegasus-cnn\_dailymail on the samsum\_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.

## 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% R², 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.** *Remote* ***(****Bengaluru, KA)*

**Data Science and Artificial Intelligence Intern** *Jan 2024 – Jan 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** *Remote (Navi Mumbai, MH)*

**Data Analyst Intern** *Dec 2023 – Jan 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** *Remote (Navi Mumbai, MH)*

**Software Developer Intern** *Aug 2021 – Sept 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 *Sept 2022***
* **MS SQL Developer Course - Intellipaat Issued *Jan 2024***
* **Process Data For Exploration - Coursera Issued *Sept 2022***