

Shushant Mani Tripathi

9696097765 | tripathishushant02@gmail.com | linkedin.com/in/Shushant | github.com/Shushant

EDUCATION

Noida Institute of Engineering and Technology <i>B.Tech in CSE (Data Science) — CGPA: 6.9</i>	Greater Noida, U.P., India 2022 – 2026
St.Josephs School <i>Intermediate — Percentage: 79.60%</i>	Gorakhpur, U.P., India July 2020
St.Josephs School <i>Matriculation — Percentage: 83.33%</i>	Gorakhpur, U.P., India May 2018

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript
Web Technologies: HTML, CSS, FastApi, Django
Databases: SQL, MongoDB
Computer Science: Object-Oriented Programming, Operating Systems, Database Management
AI/ML: Supervised learning, Unsupervised Learning, RAG, LLMs, GenAI, Prompt Engineering
Tools/Platforms: Git, GitHub, VS Code

PROJECTS

- ERP Management Chatbot** | *Python, NLU, LLM, SQL*
- Developed an AI-powered ERP chatbot for students and staff to handle academic and administrative queries.
 - Integrated NLU, LLMs, and SQL databases for real-time data retrieval.
 - Automated workflows like attendance, results, and schedules using CPA tools.
- Plant Disease Detection** | *Python, Flask, ML*
- Built a CNN-based image classification model to detect and classify plant diseases from leaf images.
 - Preprocessed and trained on healthy and diseased datasets to enable early and accurate disease detection.
 - Developed a web application for real-time image upload and prediction.
 - GitHub:** [Plant_Disease_Detection](#)
- Short News Application** | *Python, Tkinter, API*
- Developed a desktop news application using Python and Tkinter for real-time headline display.
 - Integrated NewsAPI to fetch live news data in JSON format.
 - Demonstrated API integration, GUI design, and data handling in a single application.
 - GitHub:** [Short_NEWS_Application](#)

EXPERIENCE

- GenAI No-Code Platform Intern** July 2023 – August 2023
Light Information System Pvt. Ltd., Pune India
- Contributed to a no-code GenAI platform comparable to Microsoft Copilot Studio, used to design and deploy AI agents across business functions such as customer support and HR operations.
 - Integrated the AI agent with college database systems and ERP modules to fetch real-time information and automate workflows.
 - Learned to translate real-world business requirements into functional AI-driven solutions while working on a live enterprise system.

CERTIFICATIONS

- Python Basics - Coursera
- Big Data - Infosys SpringBoard
- Data Analysis with Python - Coursera
- Data Visualization Using Python - Infosys SpringBoard