

Shushant Mani Tripathi

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EDUCATION

Noida Institute of Engineering and Technology

B.Tech in CSE (Data Science) — CGPA: 6.9

Greater Noida, U.P., India

2022 – 2026

St.Josephs School

Intermediate — Percentage: 79.60%

Gorakhpur, U.P., India

July 2020

St.Josephs School

Matriculation — Percentage: 83.33%

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