Shivam Mishra

AI Engineer (RAG • Agentic AI • LLMs) |MERN Developer|Data Science

+91 7974704387 | Nagpur, Maharashtra
shivam.mi7878@gmail.com
linkedin.com/in/shivam-mishra
https://shivammishra.live/
github.com/Shivamstar394

A coder proficient in Full-stack development (MERN), Database Management (PostgreSQL, MySQL, Oracle, and MongoDB), and core prgramming that includes Python, JavaScript, JAVA. Gained practical industrial exposure through hands-on diagnostic software and preventive maintenance experience at NCL and currently in an internship role at VNIT building expertise in machine learning and AI with projects in predictive analytics and deep learning for trading.

PROFESSIONAL EXPERIENCE

Research Intern –VNIT   July 2025 – Present

Nagpur-Maharashtra

- Conducting research on Deep Learning (DL), Reinforcement Learning (RL), and Quantitative Trading techniques to develop intelligent trading models.
- Implemented AI-based systems using advanced Machine Learning methods to enhance decision-making and predictive accuracy.

Apprentice Trainee - NCL   2021 – 2022

Singrauli, Madhya Pradesh

- Utilized diagnostic software (KOMTRAX, ConSite, CAT ET) to retrieve error codes, analyze sensor data, and update maintenance logs in database(MySQL).
- Gained hands-on experience in machine troubleshooting, data analysis, and preventive maintenance planning through digital tracking systems.

EDUCATION

Master of Computer Applications

Datta Meghe Institute of Higher Education And Research , Sawangi , Wardha
CGPA(2nd Sem): 8.64/10
2024 - Present

Bachelor of commerce(Computer Applications)

Dr, Ambedkar institute of management studies and research , Nagpur
CGPA: 6.92
2018 - 2021

PROJECTS

1] Alignbox Chat App

- Developed a real-time interactive chat application using Node.js, Express, and Socket.io for instant messaging with features like anonymous mode and message history.
- Demonstrated skills in full-stack development, real-time communication, and database management through seamless integration of MySQL, HTML, CSS, and JavaScript.
- *Tech:* Node.js, Express.js, Socket.io, MySQL, HTML, CSS, JavaScript.

2] Offline-AI

- Developed an offline AI chatbot using DeepSeek-R1 and Node.js, integrated with a locally hosted API for intelligent, private, and fast conversational capabilities without requiring internet access.
- Tested the chatbot via Postman and build web interface (HTML/CSS/JS).
- *Tech:* Ollama, Node.js, Express.js, React, Postman, RESTful API

3] Rule-Based Smart Option Bot

- Built a Python-based automated trading bot for stocks and options.
- Implemented advanced option strategies for real-time buy/sell signals.
- Integrated Telegram alerts and a web dashboard for live monitoring.
- *Tech:* Python 3 , API's, automotion (Telegram Bot), NumPy, Pandas-TA, TA-lib, PyYAML.

SKILLS

Programming: Python, Java, JavaScript, R.
Full Stack Development : MERN
Machine Learning and Deep Learning:
Supervised/Unsupervised ML, Scikit-learn, tensorflow, keras, LLMs ,SLMs.
Data Science and Analytics: EDA, Statistical Modeling, Hypothesis Testing, Power BI, Matplotlib, Seaborn.
Cloud and MLOps, Deployment:
AWS (Lambda – basic), Supabase , Docker, netlify, render, PythonAnywhere.
Developement Tools:
Github, VS code, R studio, Tableau, Postman,

ACHIEVEMENTS & INVOLVEMENTS

- Completed HackerRank 30 days code challenge (2025) with 5 star.
- GDG hackhathon (Bappa ka Prasad 5.0) Runner UP.
- TechnoEvent(college Event) Brainstom quiz top 10 candidate.

CERTIFICATIONS

- Meta Database Engineer - **META**
- Machine Learning With Python **- IBM**
- Full Stack Development **- IBM**
- Python 3.4.3 **- IIT Bombay**

LANGUAGES

Marathi - Fluent
Hindi - Fluent
English - Fluent