# Shivam Ramesh Mishra

 shivamstar394  |   shivam mishra  |   shivammishra.live  |   shivam.mi7878@gmail.com  |  
7974704387

## SUMMARY

"MCA student with strong technical skills in Full-Stack Development (MERN, Django, React Native), Database Management (MySQL, PostgreSQL, Oracle, MongoDB), and core programming (Java, Python, JavaScript). During my apprenticeship at NCL Jayant Mines, I worked on heavy equipment like Tata Hitachi EX1900, Komatsu PC2000, and Caterpillar dumpers, utilizing diagnostic software (Komtrax, ConSite, CAT ET) for error analysis, database logging, and preventive maintenance. Currently interning at VNIT, where I am gaining practical exposure to software engineering, data-driven problem solving, and real-world applications. In addition, I am actively building expertise in Machine Learning and Artificial Intelligence, with projects focused on predictive analytics, deep learning, and intelligent systems, aligning my skills with emerging technologies." shivammishra.live.

## WORK EXPERIENCE

**Research and developement Intern**                                      July 2025 - present

"Currently pursuing internship at VNIT, where I am gaining hands-on experience in Deep Learning (DL), Reinforcement Learning (RL), and Option Trading strategies. I am also exploring advanced concepts in Machine Learning and applying them in real-world projects to strengthen my expertise in AI-driven solutions."

**Apprentice**                                                          Jan 2021 - Aug 2022

"I have worked at NCL Jayant Mines on heavy equipment such as Tata Hitachi EX1900, Komatsu PC2000, and Caterpillar dumpers/excavators. My role was not limited to mechanical servicing alone; I also used their diagnostic software (Komtrax, ConSite, CAT ET) to read error codes, analyze sensor data, and maintain maintenance logs in the database. This exposure gave me practical experience in machine troubleshooting, data analysis, digital tracking, and preventive maintenance planning."

## PROJECTS

**MERN Auth Sys**

A full-stack authentication system built with the MERN (MongoDB, Express, React, Node.js) stack. This app allows users to register, log in, and access protected routes using JWT (JSON Web Token). It supports role-based access control and includes a clean, responsive UI(stores registered user in MongoDB cluster).

**"LSTM-based Stock Market Signal Prediction using Technical Indicators"**

Built an LSTM model on 28 years of NIFTY data with technical indicators (RSI, CCI, Bollinger Bands, MA) to classify market signals. Achieved 88 percent accuracy in predicting UP, DOWN, and SIDEWAYS trends.

## EDUCATION

| | | |
|---|---|---|
| 2024 - present | MCA (AI-ML) at **DMIHER-WARDHA** | (1st YEAR-GPA: 8.6/10.0) |
| 2018 - 2021 | BCCA(B.com computer applications) **DAIMSR-NAGPUR** | (GPA: 6.92/10.0) |
| 2018 | Class 12th (Maharashtra Board) | (67 percent) |
| 2021 | Class 10th (CBSE Board) | (A Grade) |

# Skills

| | |
|---|---|
| Programming Languages | Java, Python, JavaScript, SQL |
| Web Development | HTML5, CSS3, React.js, Node.js, Express.js, Django, REST APIs |
| Mobile Development | React Native, Android Development |
| Databases | MySQL, PostgreSQL, Oracle, SQLite, MongoDB |
| AI & ML | Deep Learning (LSTM, CNN), Reinforcement Learning, Predictive Analytics, NLP, TensorFlow, Keras, Scikit-learn |
| Tools & Platforms | Git, GitHub, VS Code, Eclipse, RStudio, Tableau, Postman |
| Cloud & Deployment | Supabase, Netlify, Vercel, WSL (Windows Subsystem for Linux) |