


Shivam Ramesh Mishra

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SUMMARY

“MCA student skilled in Full-Stack Development (MERN, Django, React Native), Database Management (MySQL, PostgreSQL, Oracle, MongoDB), and core programming (Java, Python, JavaScript). Gained hands-on industrial exposure at NCL Jayant Mines through diagnostic software and preventive maintenance, and currently interning at VNIT with focus on software engineering and data-driven solutions. Actively building expertise in Machine Learning and AI with projects in predictive analytics and deep learning.”

WORK EXPERIENCE

Research and development 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

“My role to use 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

Alignbox Chat App

Real-Time Chat Application A dynamic, real-time chat platform built with Node.js, Express, and Socket.io, enabling instant messaging with anonymous mode and message history. This project demonstrates expertise in full-stack development, real-time communication, and database management.

Technologies Used: Node.js, Express.js, Socket.io, MySQL, HTML, CSS, JavaScript.

“Rule-Based Smart Option Bot with Multi-Strategy Automation and Real-Time Alerts”

“Developed an automated stock/options trading bot using Python that applies advanced option strategies across bullish, bearish, and neutral market conditions to generate real-time buy/sell signals. Integrated Telegram notifications for live alerts and built a web dashboard (HTML, CSS, JS) to visualize market data and strategy performance.”

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)
2016	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)