Vipin Mishra

+91-8319593587 | vipinmi2019@gmail.com | GitHub | LinkedIn

PROFILE

Data science student with real-world practice in artificial intelligence, ML, and working with data. Proficient in Python and SQL, along with tools for deep learning; has successfully developed smart apps, forecasting systems, or automated processes. Capable of guiding groups and partnering across departments while achieving clear outcomes under tight timelines.

EDUCATION

Sri Balaji University	Pune, India
Master of Computer Applications in Data Science	2024 – 2026

Awadhesh Pratap Singh University	Rewa, India
Bachelor of Science in Mathematics	2020–2023

SKILLS

Technical: SQL, Python, Statistics, ETL, Data Visualization, AI Automation, Machine Learning, NLP
Tools & Platforms: AWS, Google Cloud, Jupyter Notebook, Git/GitHub, Streamlit, VS Code, Power BI, Excel

CERTIFICATIONS

- IIT Madras certificate for dedication in The Big Biz Theory – Mar'25 *(link)*
- HPCL certificate recognizing the participant's dedication in the HP Power Lab– Jan'25 *(link)*
- AWS - Solutions Architecture Job Simulation – Oct,25*(link)*

EXPERIENCE

Techbliss	*Work From Home*
AI Engineering Intern	17'Sept– Present

- Tweaked the way AI models were created – this improved speed, so performance rose by 5%.·
- Developed generative AI models through neural networks along with training on extensive text patterns
- Worked alongside several groups to add AI features into current processes – built automated systems that cut hands-on tasks by 30%
- Built automated workflows – cutting hands-on tasks by 33%. Created process systems that lowered human effort significantly. Developed tools streamlining operations, saving time consistently.

Tata Data Visualisation Job Simulation	
Data Analyst	November 2025

- Finished a hands-on project centered on creating straightforward, effective charts and graphs for Tata Consultancy Services using practical scenarios.
- Set up key queries for talks with top management - aimed at grasping core business goals.
- Created clear dashboards for leaders - helping them make smart choices using real data.
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PROJECTS

BhaiGPT	01/25 -08/25

- Built an AI-driven tool to handle data work - like sorting info, spotting trends, or creating visuals - not manually but automatically through smart processing that reduces effort while improving speed and accuracy across operations involving large datasets.
- Applied machine learning workflows - alongside script-driven tools - with various Python libraries.

- Allowed quick evaluation through simple code, boosting efficiency for those less technical by cutting down on complex steps. This led to smoother processes using fewer resources while focusing on ease of use across tasks.

MedChain   07/25 – 07/25

- Created a tool for checking medical supply deliveries - keeps data safe, correct, while showing clear records. Built with focus on trust, precision, using smart verification steps.
- Set up GS1 verification with real-time alerting; handled data flow via cloud systems.
- Cleared tests without any data breaches, while doctors confirmed reliability.

3D Molecule-Text Interpretation Project   05/25-06/25

- Built a Streamlit tool that reads text or PubChem IDs - then shows 3D molecule views. It turns identifiers into visual models using backend parsing and rendering logic - simple interface, direct output.
- Applied spaCy alongside RDKit to retrieve molecular details such as MW, while using py3Dmol plus PubChem tools for XLogP and SMILES data.
- Created a seamless interface featuring precise 3D renderings while ensuring strong fault management through consistent performance checks.

ACHIEVEMENTS

- Semi-Finalist – Infosys Global Hackathon out of 6k team
- Vice President – College Student Council; helped organize events, led team projects, or supported campus engagement efforts.
- Led more than 20 AI Engineering Interns at Techbliss - directing task progress while keeping workflows running efficiently.