

# Siddhi Sovle

Ex-Intern at Punjab National Bank | Mentored at Hack4Bihar | Data Scientist

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## EXPERIENCE

Analytics Intern - [Punjab National Bank](#)

Dec2024–March2024

- Used **advanced machine learning models** like **CatBoost** to uncover business patterns, optimizing decision-making strategies.
- Built **Time Series Forecasting models** using **LSTM** to make better future predictions based on past data.

Data Science Intern - [AI Variant](#)

Aug 2023 – Nov 2023

- Utilized **Python, SQL, and Tableau** to analyze business data and create actionable insights for strategic growth.
- Developed an AI-powered risk assessment model, improving financial decision-making accuracy.

ML & Data Strategy Intern - [CodeSpaze](#)

Jan 2024 – March 2024

- Designed **LLM-powered solutions** to enhance chatbot interactions and streamline interview preparation, improving engagement and efficiency.
- Explored **NLP model visualizations**, making AI-driven insights more accessible for decision-makers.

## TECHNICAL SKILLS

- Programming Languages:** Java, Python
- Tools and Framework:** Sql, Pandas, NumPy, TensorFlow, Data Visualization, Matplotlib, Keras, PyTorch .
- Skills:-** Natural Language Processing, Deep Learning, Machine Learning, Computer Vision, Data Science.
- Version Control :-** Git, GitHub
- Deployment :** Flask, Streamlit

## ACHIEVEMENTS

- Finalist** – IIT Kharagpur Data Science Hackathon 2024
- Shortlisted** for GirlScript Summer of Code 2024 , as a **contributor**.
- Finalist** – Datathon 2024, a 24-hour national-level analytics competition.
- Omdena Data Scientist** – Contributed to **5+ AI-driven social impact projects** solving real-world business challenges.

## EDUCATION

B.Tech. (CSE) - 8.0 CGPA  
Vellore Institute of Technology, Bhopal



2021-25

Higher Secondary - 88%  
Jain Heritage Cambridge School



2020-21

Secondary - 93.20%  
BDM International School



2018-19

## CERTIFICATIONS

- IBM Machine Learning with Python Certificate .
- IBM Generative AI Essentials
- AWS Cloud Practitioner
- Data Science Certificate, Excel R

## PROJECTS

### [Bankruptcy Prediction](#)

- Engineered ML-driven bankruptcy risk assessments, achieving a 97% accuracy rate for financial decision-making.

### [AI Powered Money Laundering Platform](#)

- Built an AI money laundering detection platform using Machine Learning, improving fraud detection accuracy by 93%.
- Developed an interactive dashboard for transaction monitoring, helping businesses mitigate financial risks.

### [Algorithmic Trading Strategy For BTC-USDT](#)

- Created a trading strategy combining ML with mean reversion, increasing profitability by 15% over 200 trades..

### [Restaurant-Name Generator](#)

- Leveraged Mistral-7B and LangChain to develop an AI-driven restaurant name generator, showcasing expertise in LLMs, prompt engineering, and model switching.