

NETHRIYA V

Data Scientist

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SUMMARY

With 1 year of experience as a Data Science professional and a strong foundation in analytical modeling and programming, I strive to deliver impactful AI and machine learning solutions for businesses seeking efficiency and innovation. My expertise includes training and fine-tuning ML models, predictive analytics, and data engineering, with hands-on experience in projects such as predictive maintenance and object detection. Skilled in applying advanced statistical techniques and modern ML frameworks, I focus on building scalable and effective solutions using data-driven approaches.

EXPERIENCE

Data Scientist

Encipher Health

2025 - Present Phoenix, Chennai

- Developed and deployed **end-to-end machine learning models**, from data preprocessing to model deployment, for healthcare analytics solutions, including **hosting models on cloud platforms** for scalable access.
- Fine-tuned ML models to optimize performance, achieving higher accuracy and efficiency in predictive tasks.
- Built and maintained automated data pipelines to streamline workflows, improve data quality, and enable scalable ML operations.
- Collaborated with cross-functional teams to design and implement AI-driven solutions addressing critical healthcare problems, including predictive maintenance and patient outcome forecasting.
- Leveraged statistical analysis and machine learning techniques to generate actionable insights that support data-driven decision-making and process automation.

Data Scientist Internship

Solidpro

04/2024 - 06/2024 Guindy, Chennai

- Worked as a Data Scientist at SolidPro, developing image processing pipelines for medical imaging projects.
- Designed and implemented a YOLO-based model for kidney disease detection, achieving high accuracy in identifying anomalies in medical images.
- Automated data extraction, annotation, and analysis workflows, improving efficiency in handling large-scale medical image datasets.

Data Scientist Internship

Technocolabs

09/2023 - 12/2023 Chennai

- Developed Power BI dashboards for financial analytics, visualizing key metrics and trends.
- Implemented predictive models for sales forecasting, improving accuracy in business planning.
- Analyzed financial and sales data to generate actionable insights, supporting data-driven decision-making.

TECH STACK

Python	Rust	SQL	VIllm	AWS
Flask	Fastapi	Duckdb		
MongoDB				
GenAI	Git	MapReduce		
Github	scikit-learn			
LLM finetuning	Statistics			

KEY ACCOMPLISHMENTS

Academic Excellence

- Graduated with **8.89 CGPA out of 10** from **St. Joseph's Institute of Technology, Chennai**, securing **2nd rank in the department**.

Hackathon Achievement

Finalist at IIT Madras Hackathon, showcasing strong problem-solving, innovation, and teamwork skills.

STRENGTHS

-  **International internships and experience**
2 internships in Chennai
-  **Hard-working**
Demonstrated exceptional **dedication and perseverance**, excelling in both academics and professional responsibilities.
-  **Solving complex problems**
Skilled at **analyzing and solving complex problems**, designing effective and efficient data-driven solutions.