

NIMIT JAIN

nimitj2003@gmail.com

[Linkedin](#)

[Go to Portfolio Website](#)

[Github](#)

[Phone: 9669000547](#)

Education

Vellore Institute of Technology

Bachelor of Technology in Electrical and Electronics Engineering, CGPA:8.69

September 2021 – Present

Vellore, Tamil Nadu

Experience

Jindal Steel and Power

June 2024 - August 2024

ML engineer

Angul, Odisha

- Worked as an Electrical Engineer to reduce power consumption in ReBar Mill by 1 unit per tonne, saving up to 5 lakh rupees and implemented a dashboard analysis to show equipment pattern and usage on Power BI

Shodhlabs

January 2024 - April 2024

Data Engineer

Remote

- Collaborated with a 15-member team in developing a Math Language Model by scraping data from Toppr.com and integrated it into a model API with Retrieval Augmented Generation (RAG) for enhanced functionality.

Yash Technologies

October 2023 - December 2023

AI/ML engineer

Onsite, Indore, Madhya Pradesh

- Developed a Git bot utilizing Git actions to analyze entire repositories, employing LLAMA for thorough reviews and code optimization. Conducted rigorous testing of 8 Language Models to ensure optimized performance.

The Opportunities Portal

August 2023 - October 2023

React Web Developer

Remote, Bangalore, Karnataka

- Teamed up with 3 developers to design the main Landing page of the company and their product which 30+ colleges use.

Projects

IPL Data Analysis | *Apache Spark, Amazon S3, MySql, Python*

June 2024

- Analyzed IPL data (2008-2017) using Amazon S3, Apache Spark, SQL, and Matplotlib. Built Spark pipelines, performed transformations using SQL, and created visualizations to reveal player performance and match outcomes.

Prescription Advisor | *Python, Streamlit*

February 2024

- Developed a prescription advisor using retrieval-augmented generation (RAG) to make a Streamlit deployable application that provides accurate help for 95% of a prescription.

Git code reviewer | *Git Actions, Python*

November 2023

- Integrated Git actions (YAML workflows) with LLama to develop a code reviewer and optimizer, supporting 15 programming languages, which reduces review time by 80%, and deployed it on the marketplace.

Certifications and Achievements

- Certification for Practical MLOps: AWS Mastery for Data Scientists
- VIT's Hack-a-tron(Hackathon) Winner and VIT's CODE-DOC(Hackathon) Winner
- TOP SQL 50 on LeetCode

Extracurricular

IEEE power electronics society

2024 - Present

Board Member

VIT, Vellore

- Led as the Technical Head for a college events club, overseeing the coordination of shows and interviews.

Scope for Change (NGO) and Pawzz (NGO)

August 2023 - September 2023

Intern

- Served as a fundraising intern for an organisation assisting underprivileged children, earning a letter of recommendation.

Drummer

- Certified drummer from Trinity School of London - Grade 3.

Technical Skills

Languages: Python, MySQL, Java, HTML, CSS, ReactJS

Technologies: Pandas, NumPy, Snowflake, MS Excel, Tableau, Power BI, AWS-Sageamaker, Apache Spark, Databricks

Concepts: Generative Adversarial Networks, Data Analysis, Data Mining, NLP, Computer vision, Neural Networks, Machine Learning, Deep Learning, Web development, Data Structures, Cloud Computing, MLOps