NIMIT JAIN

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Education

Vellore Institute of Technology **September 2021 – Present**
Bachelor of Technology in Electrical and Electronics Engineering, CGPA:8.7 *Vellore, Tamil Nadu*

Experience

Jindal Steel and Power **June 2024 - Present**
Summer Intern *Angul,Odisha*
- Worked as an Electrical Engineer to reduce power consumption in ReBar Mill by 1 unit using machine learning for temperature control, saving up to 5 lakh rupees.

Shodhlabs **January 2024 - April 2024**
AI engineer, Data scientist *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 - January 2024**
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 using React and Bootstrap, while also contributing to their product development which 30+ colleges use.

Projects

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,LLMs* **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.

Zomato database insights | *MySQL, Tableau* **September 2023**
- Designed a MySQL database for Zomato-based data to support potential marketing analysis, enabling insights into customer order patterns, and designed a dashboard on Tableau.

Certifications and Achievements

- Cerification for Practical MLOps: AWS Mastery for Data Scientists
- VIT's Hack-a-tron(Hackathon) Winner and VIT's CODE-DOC(Hackathon) Winner

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, Matplotlib, Tensorflow, Mlflow, OpenCV, Git-actions, Tableau, AWS-Sageamaker,FAST-API
Concepts: Generative Adversarial Networks (GANs), Data Analysis, Data Mining, NLP, Computer vision, Neural Networks, Machine Learning, Deep Learning, Web development, Data Structures, Cloud Computing, MLops