Aditya Narayan Jha

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EDUCATION

- **Pranveer Singh Institute of Technology** Kanpur,Uttar Pradesh, India
  Bachelor of Technology - Information Technology; GPA: 7.72 *July 2019 - June 2023*

- **Sunbeam English School Bhagwanpur** Varanasi,Uttar Pradesh, India
  Intermediate- Science Stream; Percentage: 70 *April 2018 - March 2019*
  Subjects: *Physics, Chemistry, Mathematics, English, Information Technology*

TECHNICAL SKILLS

- **Programming Language**: Python
- **Generative AI - Large Language Models (LLMs)**: Mistral, Llama-2 etc
- **Prompt Tuning Techniques**: RAG,DSP,ToT
- **Version Control**: Git, SVN Tortoise, Box
- **Project Management Tool**: Jira
- **DB Language**: MySQL
- **Operating System**: Windows, Linux
- **Frameworks**: Django(beginner),Flask(beginner)
- **Code Editor**: VS Code, Jupyter Notebook

EXPERIENCE

- **NEC India** Remote
  Software Engineer *Jan 2022 - Present*
  - **Backend, Prompt Engineering**: Worked in the Smart Automation and Services, wherein Developed code for screen generation of BDC (Business Document Connectivity) as part of a software development team. Currently working for prompt engineering on LLM for automation.
  - **Responsibilities**: To work in a team and use technologies like python, worked on various prompt engineering techniques like Tree of Thought (ToT), Retrieval Augmented Generation (RAG) Directional-Stimulus-Prompting (DSP) and worked on LLM's like Mistral-7B-v0.1 and Nous-Hermes-Llama2-13b

PROJECTS

- **Stock Market Prediction**: For easy and effective portfolio management, for giving insights about a particular stock. Tech: Python, Machine Learning.(September '22)
- **Face Recognition Based Attendance System**: This application was developed to use the students/faculties facial bio-metric to log the entry of the individuals depending on whether their bio-metric is present in data set or not. It logged the time-stamped data into an excel sheet format. Tech: Python , Machine Learning (December '21)
- **GUI Based Calculator**: Aim of the project was to develop a graphical user interface for calculator using Tkinter. It created an interactive calculator for the users to use with various scientific functions implimented in it.(March '18)

CERTIFICATIONS

- **Introduction to Deep Learning by HSE University , Coursera**: (May '21)
- **Android App Dev workshop by IIT-Delhi**: (Nov '18)
- **Python Certification**: Received Basic Certificate from Hackerrank.