



UTKARSH PRATAP SINGH

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Flat No. A-5, TANISHQ APARTMENT,
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NEW-DELHI-110030

EXPERIENCE



- 2024** **Software Development Trainee**
Gemini Solutions Pvt Ltd Jun 2024 - Sept 2024
Data Science Team
- Created a **Central Repository** for all the ongoing and past POC's in the organization. Hosted and maintained the application on the company's AWS. Scheduled multiple cron jobs for regular updates regarding the working of all the POC's.
- Created individual selenium scripts to check the working of the POC's automatically.
- Developed a finetuned LLM Mental Health chatbot as a POC for the company
- 2023** **Android Development Intern**
Ircon International Limited Jun 2023 - Jul 2023
- Developed the front-end interface for the organization's official android application. The use-case of this central application would be to allow the employee's to access the organization's employee information and policies.
- 2022** **Founder**
Humble Brat Apr 2022 - Mar 2023
- Worked as the founder in Humble Brat, a streetwear clothing brand catering to the styling and fashion requirements of the mass population

EDUCATION



- 2021-2025** **B.Tech in Computer Science with specialization in AI&ML**
Manipal University Jaipur
- 2020-2021** **Class XII**
Delhi Public School, Vasant Kunj 82.6%
- 2018-2019** **Class X**
Delhi Public School, Gurgaon 88.6%

RESPONSIBILITIES



- Fashion Week Business | Manipal University Jaipur | Humble Brat April'23**
Participated as a business owner.
- Startup Mela, AIC | Manipal University Jaipur Humble Brat March'23**
Participated as a business owner.
- Internship Drive | Humble Brat**
Hired a team of 10 individuals and trained each one of them individually in their concerned field of work.

ABOUT ME



A dynamic, creative, and innovative individual with a B. Tech in the field of Computer Science with specialization in AI and ML, working towards acquiring expertise in the field of Data Science Development. I have worked on several projects to acquire hands on experience in the field of Data Science

SKILLS

Python	SQL	Selenium
Fine-tuning	StreamLit	Machine Learning
Linux	Git/GitHub	LLM
Huggingface	MS EXCEL	Analytics

PROJECTS

MENTAL HEALTH CHATBOT

Python, PEFT, PyTorch, xformers, bitsandbytes

Developed a Mental Health Bot by fine-tuning Tynllama model on a mental health conversational dataset. The checkpoint having the least step loss training was used to return the user's queries in Alpaca format.

CENTRAL REPOSITORY

Python, StreamLit, EC2

Created a StreamLit application to enable an organization to enlist all the POC's within a department, having all the details of the POC including the working status of the deployed links, the documentation etc...

AUTO TEST CASES

Python, Selenium

Created individual selenium scripts to automatically check the working status of different webpages

CINEMA MANAGEMENT SYSTEM

Python, SQL

It is used to computerize the personal details of employees also enlisting the entire data for a cinema house