

EDUCATION

Name of Course	Year	University/Institute	Marks
BSc (H) Computer Science	2020-23	Hansraj College, University of Delhi	8.63 CGPA
Diploma in Programming	2023-24	IIT Madras	8 CGPA
AISSCE (Class XII)	2020	Aryaman Vikram Birla Institute of Learning, Haldwani	97.25%
AISSE (Class X)	2018	Aryaman Vikram Birla Institute of Learning, Haldwani	93.6%

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate
- IIT Madras Online Degree in Data Science and Programming: Foundational Certificate

EXPERIENCE

Associate Data Scientist, Aays Analytics

Nov 2023 - Present

Gurugram - Full Time

- Exposure to various ML/ AI techniques used in industry
- Aays Hackathon 2023 - Implemented a Zero Shot Learning Classification model (Hugging Face) to classify customer service user queries. Segmented the queries which gave insights into customer behaviour.
- OpenAI - Worked with OpenAI API to generate training data for a custom LLM model.

Associate Data Analyst, Aays Analytics

July 2023 - Nov 2023

Gurugram - Full Time

- Utilizing Power BI dashboards, Excel, and Azure Databricks to provide valuable insights into the business challenges encountered by clients.
- Power BI reporting - worked on reporting of innovation projects of a client. Developed complex DAX measures to solve business problems. Worked on a POC to create dynamic Top/Bottom N Projects, Root Cause Analysis through Decomposition Tree and 3x3 Simulation Grid on Power BI.
- Testing - Performed testing in Excel using Vlookups and developed various SITs for data assets.

INTERNSHIPS

Python Lead Student Mentor, IIT MADRAS (Remote)

Aug 2022 - Sept 2022

- IIT Madras Online Degree Program - It's an online degree in Programming and Data Science
- Lead Student Mentor - Managed and led a team of two sub-mentors and a group of 16 students
 - Organized 2-hr Python coding sessions everyday and helped the students with their doubts.
 - Gave hints and demonstrated concepts as per need.

PROJECTS

- **Urban Shopper: Web Application**
 - Tech Stack - Flask, Vue.js, Redis, Celery, SMTPLib
 - Grocery app like blinkit/swiggy. Logging in as admin and managers (RBAC). The user can log in and add items from different categories to their carts and checkout. Backend daily reminders and a monthly analysis report also sent to the user.
- **Mind Map : Web Application**
 - Tech Stack - ReactFlow, React + Vite

- Import headers from CSV file, Create mind map using nodes and edges and Export it in json format
- Made to integrate with LLM as an information Retrieval tool in a RAG system.
- **Big Mart Sales Prediction: Machine Learning** *July 2023 - Aug 2023*
 - Tech Stack: Sklearn, SHAP, NumPy, Pandas, Matplotlib, Seaborn
 - Performed Data Cleaning, EDA, Pre Processing, Modelling and Hyperparameter Tuning. Models used - Linear, Polynomial, Ridge, Lasso, SGD Regression; Decision tree, Random Forest, XGBoost
- **Car Sale in Russia: Data Analysis and Visualization** *Oct 2022 - Nov 2022*
 - Tech Stack: Python, NumPy, Pandas, Matplotlib, Seaborn
 - Performed Data Cleaning, Data analysis and Visualisation of a car sale dataset of Russia
- **MyKanban: Web Application** *July 2022 - Aug 2022*
 - Tech Stack : Python-Flask, flask-RESTful API, SQL-Alchemy, Bootstrap, HTML, CSS, JavaScript,
 - My Kanban is your personalized Kanban board where you can make your lists and add To-do tasks into them. (CRUD operations) MVC architecture followed. APIs provided with documentation.
- **Self Quantified: Web Application** *Feb 2022 - Mar 2022*
 - Tech Stack: Python-Flask, SQL-Alchemy, Bootstrap, HTML, CSS, Python (MVC design)
 - Self-Quantified App is used to make custom trackers and add logs corresponding to it. The application displays all the respective trackers and logs along with graphical trendlines.

POSITIONS OF RESPONSIBILITY

- **Academic Support Volunteer - Make A Difference, Delhi** *Nov 2022-Nov 2023*
 - Teaching and mentoring young kids to help them dream and lead a better future. I teach Maths to 9th grade currently.
- **Coordinator at Enactus Hansraj, Hansraj College** *Jan 2021-July 2021*
 - Worked on real-time social entrepreneurship project, Armaan, to transform the lives of drug addicts by giving them self-sustaining entrepreneurship opportunities.
 - R&D and ideation of products within the project's vertical.

SKILLS

- **Technical Skills:**
 - Programming: C++, Java, Python, R, Linux-Bash, Data Structures & Algorithms, Object Oriented Programming (OOPs)
 - Web: Vue.js, Flask, REST API, HTML, CSS, JavaScript, jQuery, AJAX, SQL-Alchemy, Swagger editor, Git, Postman/Insomnia
 - Data: SQL, Power BI, Azure, DBMS, Web Scrapping (BeautifulSoup)
 - AI/ML: NLP, LLMs, Deep Learning, NumPy, Pandas, Matplotlib, Seaborn, SHAP, sklearn
- **Soft Skills:** Problem solving, Communication, Fast Learner, Teamwork, Logical & Analytical thinking, Leadership.
- **Hobbies:** Dancing, Choreographed and led groups in various societies and events in school and college.