KOMAL CHAMYAL

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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	2021-22	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%

EXPERIENCE

Associate Data Analyst, Aays Analytics *July 2023 – Present*
Gurugram - Full Time

- Working with Power BI dashboards, SQL, Azure to give insights into business problems faced by clients
- Exposure to various ML/AI techniques used in industry

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

- **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-Present*
  - 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*
  - o Worked on real-time social entrepreneurship project, Armaan, to transform the lives of drug addicts by giving them self-sustaining entrepreneurship opportunities.
  - o R&D and ideation of products within the project's vertical.

SKILLS

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