

HARSH KUMAR

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PROFESSIONAL SUMMARY

Data-oriented Computer Science undergraduate with hands-on experience in **data analysis, exploratory data analysis (EDA), SQL querying, and Python-based data manipulation**. Strong foundation in **algorithms, basic statistics, and product-focused problem solving**. Skilled in translating **business and user problems** into **data-driven insights** to support decision-making, experimentation, and iterative improvement, aligned with Microsoft's data-driven product culture.

TECHNICAL SKILLS

- Programming & Algorithms:** Python (Pandas, NumPy – basic), C++, Java, C, Data Structures & Algorithms, OOPs
- Data Science & Analytics:** Data Analysis Fundamentals, Data Exploration, Data Cleaning, Basic Statistical Reasoning, Insight Generation
- Databases:** MySQL (SQL Queries, Joins, Aggregations)
- Testing & Experimentation:** Selenium WebDriver, JUnit, TestNG, Apache JMeter
- Web & Tools:** HTML, CSS, JavaScript, React.js, Node.js

PROJECTS

- University GPT – AI Student Assistant | [Github](#)** Aug'25 – Present
- Analyzed student academic workflows to identify inefficiencies in information access and scheduling.
 - Designed an AI-assisted web application to centralize academic data such as timetables and reminders.
 - Applied structured logic and data organization to improve information accessibility and decision-making.
 - Simulated real-world data problem formulation by translating user needs into system features.
- Tech:** HTML, CSS, JavaScript
- Wine Delivery Platform – Web Application | [Github](#)** Nov'25 – Present
- Developed a user-centric delivery platform enabling fast ordering and near real-time delivery updates.
 - Analyzed user interaction patterns to identify drop-off points in the checkout flow.
 - Optimized navigation and checkout experience to reduce user friction and improve conversions.
 - Strengthened understanding of product metrics, experimentation mindset, and usability-driven decisions.
- Tech Stack Used:** HTML, CSS, JavaScript ,React.js, Node.js

TRAINING

- CSE Pathshala — Summer Training (C++ | OOP | DSA) |** Jun'25 – Jul'25
- Completed 35+ hours of structured training focused on algorithms and object-oriented design.
 - Implemented core data structures and algorithms, strengthening analytical thinking and coding discipline.
 - Developed strong problem decomposition and logical reasoning skills applicable to data analysis tasks.

CERTIFICATIONS

- Prompt Engineering with ChatGPT & LLMs — [Infosys | Springboard](#)
- Introduction to Artificial Intelligence — [Infosys | Springboard](#)
- C++ Programming (OOP & DSA) — [CSE Pathshala](#)
- Responsive Web Design — [Free Code Camp](#)

EDUCATION

- Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 5.9.** Since August 2023
- Kendriya Vidyalaya Sangathan** Bulandshahr, Uttar Pradesh
Intermediate; Percentage: 68 Apr'22 – Mar'23
- Kendriya Vidyalaya Sangathan** Bulandshahr, Uttar Pradesh
Matriculation; Percentage: 79.2 Apr'20– Mar'21