

Saksham Singh

 [Github](#)  [LeetCode](#)  [mtype](#)  [LinkedIn](#)  sakshamsingh2601@gmail.com  9670348332

Education

National Institute of Technology, Kurukshetra	2023 – 2026
Master in Computer Applications	CGPA: 7.98/10
Brahmanand P.G. collage,Kanpur	2018 – 2021
Bachelor Of Science in Computer Applications	Percentage: 60.11%
SVMIC Sant Pooran Das Nager,Unnao	2017 – 2018
Intermediate	Percentage: 84.80%
GPM SVM ICG Nager Shuklaganj	2015 – 2016
Matriculation	Percentage: 81.23%

Skills

Programming: Python, SQL, Data Structures, Algorithms,OOPS

Data Science: Data Analysis, Financial Analysis, Machine Learning

Python Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Streamlit

Web Development: Html, Css, JavaScript,Node.Js(Basics)

DataBase: MySQL, SQLite

Frameworks: FastAPI

Tools: Pycharm, PowerBI, MySQL Workbench,Jupyter Notebook, Git/GitHub

Learning Areas: Generative Ai, MongoDB, Vector Databases

Soft Skills: Problem Solving, Strong Communication, Disciplined, Teamwork

Projects

VENDALYZE->Vendor Performance Analysis **Dec 2024 – Mar 2025**

Technologies: Python,SQL,SQLite,PowerBI

- Solved a business problem of improving vendor selection by analyzing large-scale transactional data and identifying performance gaps.
- Conducted EDA to address 4 research questions on profitability, delivery performance, seasonal trends, and pricing impact, and performed t-test hypothesis testing to validate statistical differences in vendor performance.
- Processed 2GB+ data using Python (Pandas, NumPy), stored in SQLite3, and developed Power BI dashboards for trend visualization and strategic decision-making.
- [LINK](#)

Quizify–Your-Trivia-Your-Way **Mar 2025 – Jul 2025**

Technologies: genai, JavaScript

- Developed an AI-driven quiz generation system that extracts questions from PDFs or text using the Gemini.
- Implemented a user-friendly web interface with HTML, CSS, and JavaScript, enabling dynamic question generation and quiz interaction
- Enhanced usability by allowing users to generate customizable quizzes and download question sets as PDFs for offline use, it bridges the gap between learning and fun.

Achievements

- Secured **All India Rank 368** in **NIMCET 2023**, a national-level entrance exam for MCA, among thousands of candidates, reflecting competitive aptitude in mathematics, reasoning, and computer science fundamentals. [LINK](#)
- Secured **220 marks in CUET-PG 2023**, validating academic competence and preparation for post-graduate studies in computer applications. [LINK](#)
- Solved **300+ coding problems** across **LeetCode** and **GeeksforGeeks**, strengthening algorithmic thinking, optimization techniques, and mastery in Python, and database handling.