KASAK

📞 +91 8700793055 | ✉ arorakasak2005@gmail.com | 🔗 kasak . | 🔘 KASAKBATRA | 🔗 https://portfoliokasak.netlify.app/

Final-year B.Tech student specializing in Artificial Intelligence and Data Science, with strong foundations in Python, Machine Learning, and Data Analytics. Proven experience in developing ML projects, visualizing insights with Power BI, and presenting research at national platforms. Passionate about transforming data into actionable intelligence to solve real-world problems.

EDUCATION

Year	School/College Name	Board/University	Marks (%)
2026	Dr. Akhilesh Das Gupta Institute of Professional Studies, Shastri Park, Delhi	GGSIPU	Pursuing
2022	MotiRam Memorial Girls Senior Secondary School, Dilshad Garden, Delhi	CBSE	89.2%
2020	MotiRam Memorial Girls Senior Secondary School, Dilshad Garden, Delhi	CBSE	84%

SKILLS

Programming: Python, Java, C, HTML, JavaScript, SQL, R
Tools & Platforms: Excel, Power BI
Concepts: Machine Learning, Data Analytics, Data Visualization, Research
Libraries: OpenCV, Geopandas, Kivy, Scikit-learn

EXPERIENCE

Accenture – Data Analytics and Visualization Job Simulation   **June-2024**

Advised a hypothetical social media client as a Data Analyst at Accenture, Cleaned, modeled, and analyzed 7 datasets to uncover key insights into content trends, informing strategic decisions. Prepared a comprehensive PowerPoint deck and video presentation to communicate these insights to the client and internal stakeholders.

PROJECTS

Image to Pencil Sketch -Image to pencil Project   **Apr 2024**
- This project aims to convert a colorful image to a Pencil sketch using Machine Learning and Open CV.
- Tools & Technologies – Kivy, Open CV, Python

MapMyWork - Workforce mapping with user Input MapMyWork   **Feb 2025**
- This project uses Geopandas library of Python language and take the number of workers in a city as input and The system plots their locations on an interactive map. To view city details & workforce count of a particular city click on location marker.

IPL REPORT - IPL-REPORT   **June 2025**
- This project is a fully interactive dashboard created in **Power BI**, analyzing detailed ball-by-ball data from the **Indian Premier League (IPL)** from **2008 to 2023**. It uses over **2.3 million rows** of match data to provide insights into team performances, individual player stats, venue trends, dismissal types, and more.

EmotionsMemoria - EmotionsMemoria   **July 2025**
- Designed and developed an immersive web application that uses **AI-driven features** to convert user-uploaded photos and videos into emotionally rich creations including **collages**, **animated memory wheels**, **certificates**, and **threaded timelines**. Integrated **AI-based caption generation**, **emotion detection**, and **video frame extraction**. Built using **Bolt AI**, deployed on **Netlify**, and designed with a focus on **aesthetic UI**, **emotional engagement**, and **user experience**. WEB APP LINK

CERTIFICATIONS

- Completed the "Discrete Mathematics" course from NPTEL.   **Nov 2023**
- Presented a research paper titled "Image to Pencil Recognition Using Machine Learning Techniques and OpenCV" at NCBISF-24, a national conference organized by Dr. Akhilesh Das Gupta Institute of Professional Studies. **May 2024**
- Completed the "Data Analytics with Python" course from NPTEL.   **May 2024**
- Completed IBM summer training, gaining hands-on experience in Machine Learning, Deep Learning, Generative AI, and IBM Cloud.   **Aug 2024**
- Published a research paper titled "Data Science Techniques For Next Generation Cities" in IJPREMS Journal
                                                                                                Nov 2024

- Completed the "Business Analytics and Data Mining Modeling using R" course from NPTEL Ranked in top 2%.
May 2025

OTHER ACTIVITIES

- Assisted in organizing the Techno-Cultural Fest conducted by IEEE at Dr. Akhilesh Das Gupta Institute of Professional Studies. **Oct 2023**
- Assisted in organizing the Musical Events conducted by Swaranjali, the official music society of Dr. Akhilesh Das Gupta Institute of Professional Studies, during Utkarsh'24. **Mar 2024**
- **Coordinated** the "Code Breaker Challenge" tech event organized by the Artificial Intelligence and Data Science Department at Dr. Akhilesh Das Gupta Institute of Professional Studies during Utkarsh'24. **Mar 2024**
- **Graphics Head, National Service Scheme (NSS),** Led a team of 20 to create impactful graphics, increasing event engagement by 75% **July 2024 – June 2025**
- **Organized** the "TechQuest: Decode & Dominate" tech event under the Artificial Intelligence and Data Science Department at Dr. Akhilesh Das Gupta Institute of Professional Studies during Technoutsav'24. **Oct 2024**
- **Scholarship from EPAM Systems** **2024, 2025**
- **Volunteered at Khelo India Para Games 2024**, leading roles in media, medical, catering & ceremonies under stalwarts like Upasna Thakur & Gaurav Khanna. **Mar 2025**