

# KUSHAGRA GAUR

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## EDUCATION

- Manipal University Jaipur** September 2022 - Present  
Bachelor of Technology (Computer and Communication Engineering) - GPA: 7.8 (2022-26) Jaipur, Rajasthan
- Sarla Chopra D.A.V. Public School**  
SSC & HSC Noida, Uttar Pradesh

## EXPERIENCE

- Smollan** Feb 2025 - Present  
Data Analyst Intern Remote
  - Leveraged Python (Pandas, NumPy) and Google Sheets to analyze datasets of over 500,000 rows, identifying three key trends that improved marketing campaign effectiveness by 15%.
  - Automated data processing workflows, reducing manual effort and improving efficiency by approximately 30%.
  - Developed optimized scripts in Google Colab, reducing data processing time by approximately 40%.
  - Collaborated with cross-functional teams to present data-driven reports, ensuring over 95% data accuracy.

## PROJECTS

- Rescue Radar** April 2025
  - Built Rescue Radar, a real-time disaster management platform using React, Firebase, and Machine Learning to connect stranded individuals with nearby rescue volunteers.
  - Integrated geolocation and SOS alert systems, reducing simulated emergency response time by 35% through optimized routing and volunteer matching.
  - Applied ML algorithms to optimize resource delivery, improving allocation efficiency by 40% in high-demand areas during stress testing.
- Krust.AI** January 2025 - Present
  - Created a personalized finance AI platform featuring an interactive dashboard, an expense tracker, and an AI tool providing tailored recommendations for investments and monthly savings strategies, leveraging machine learning and web development with React.js and Node.js.
  - Implemented secure user authentication using JWT and optimized database queries in MongoDB, reducing API response times by 40% through query indexing and caching mechanisms.
  - Designed an intuitive UI/UX to enhance financial data visualization, improving user engagement and accessibility.

## SKILLS

- Programming Languages:** C, C++, Java, Python
- Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js
- Other Tools & Technologies:** Machine Learning, Generative AI, Excel, Cisco Packet Tracer, Digital Marketing
- Coursework:** RDBMS, Computer Networks (CN), Object-Oriented Programming (OOPs), Data Structures & Algorithms (DSA), Operating Systems (OS)

## CERTIFICATIONS AND ACHIEVEMENTS

- Generative AI Fundamentals:** IBM February 2025
- Appointed as Student Placement Coordinator at Manipal University Jaipur.** December 2024
- AWS Cloud Technical Essentials:** Amazon Web Services November 2024
- Design and Analysis of Algorithms:** NPTEL October 2024
- Advanced to Top 20 teams (Top 6%) at MUJ HackX Hackathon 2024.** September 2024
- Elected as President of Humans of Manipal Jaipur out of 30 candidates.** May 2024