


Shivam Pandey Masters Research Student

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🎓 EDUCATION

MSc in Computer Science , SOUTH ASIAN UNIVERSITY 	2021 – 2023 New Delhi, India
Research thesis titled - "Leveraging rule based techniques for optimized generation of schedules". Researched in the area of Predictive Analytics and used the concepts of Data Mining, ML and Industry4.0 in it. Curriculum encompassed in-depth studies on Data Mining, Machine Learning, and Fuzzy Systems	
Bsc in Computer science , Integral University	2016 – 2019 Lucknow, India
Major in Computer Science. Minor in Mathematics and Physics. Written a journal on Artificial intelligence and AI in machines and devices. HCI was the part of curriculum.	
Intermediate , kendriya Vidyalaya	2016 Lucknow, India
passed Intermediate (10+2) with PCM + Computer Science stream	

📁 ACADEMIC PROJECTS

Rule-driven techniques for the optimized generation of schedules, Masters Thesis Research Work
Presented novel ideas for generating optimized and precise schedules.
Utilized Data Mining techniques to generate association rules as the initial step. Employed Genetic Algorithm to optimize the results, leading to highly accurate schedules.

Chat Bot, Under Graduation Final year Project
Developed a chat Bot utilizing advanced techniques such as multithreading, multicasting, and socket programming. Designed to function on localhost, leveraging a Wamp (Apache) server to facilitate communication. Successfully created a seamless and efficient chat platform, allowing real-time communication among users on the same network.

📄 PUBLICATIONS

Pandey S., Shukla AK., Nath R., Muhuri P. 08/2023
"Leveraging rule based techniques for optimized generation of schedules" (Communicated)


💼 PROFESSIONAL EXPERIENCE

cognizant, Engineer trainee 2021 – 2022
Delivered support to US and Canada-based clients for Billing software and server matters. Ensured swift issue resolution, leaving clients highly satisfied with the service provided.

GT-Xblaze (startup), Co-Founder and CTO 2021
Started our own cycle D2C startup. I was responsible for company's web deployment, consumer service setup, social presence and marketing campaigns. Pointing out the target audience with gathered data.

🏠 LEADERSHIP AND INITIATIVES

Student's President, Member Hostel committee SAU 2022 – 2023
New Delhi, India
Achieved the honor of being elected as a member of the Hostel Committee at South Asian University, representing the Indian Students' community. Demonstrated leadership and commitment, leading to the elevation to the esteemed position of President of the Hostel Committee.

Indian epidemic helpline, Principle Founder  04/2021
Lucknow, India
Initiated a pandemic and emergency-focused social media page, providing verified medical information. Personally assisted over 500+ individuals and expanded its outreach to 10 additional cities.

🧩 SKILLS

Technical Skills
Advance in SQL, Python, C, C++ , excel and tableau . Active researchers in field on data classification, predictive analysis. Posses a knowledge of Generative Ai, NLP , oracle HCM and NoSQL.

🧩 ADDITIONAL

Indian Space Research Organization, Certified In Geoinformatics and Crop Management
Completed a Educational Program by Indian Space Research Organization(ISRO) in the field of Global navigation satellite system for urban development and Remote sensing in Crop management

Certification In Generative AI, Machine learning, Predictive analysis and Data Analysis domains

Advance Diploma in Computer Application 2020 – 2021

Teacher Assistant and volunteering
Responsible for Lab practical & teaching activities of 150 students.
Actively participated in Cognizant outreach programs, volunteering to teach basic English to over 120+ students ranging from ages 9 to 16

National science olympiad
Was a ranker in city as well as country level in national science olympiad.

UNICEF Awardee
Was recognized and awarded by UNICEF for the Awareness Campaign During Covid named "covid Helpline"