

Vaishnavi Sheoran

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🎓 EDUCATION

Bachelor's of Technology Computer Science and Engineering(CSE) GB Pant Government Engineering College Guru Gobind Singh Indraprastha University,	2019 – 2023 New Delhi, India CGPA 8.5
Masters in Data Science and Management IIT Ropar and IIM Amritsar	2024/07 – 2026/05

🛠 EXPERIENCE

Data and Machine Learning Intern Bharti Airtel, Gurgaon	2023/05 – 2023/07
• Led a project measuring building height using Google Maps and performed data scraping helped in decision making. • Collaborated with a team to develop a computer vision algorithm using Python's OpenCV library, significantly improving contour identification by extracting contours from images. Built image training model using CNN. • Leveraged pandas for efficient data handling at the end building height of 75% places could be identified correctly.	
AI & ML Intern Microsoft and SAP	2021/08 – 2022/04
Accomplished traineeship in the field of Machine Learning and AI. • Utilized platforms such as Jupyter Notebook, leveraging various libraries like NumPy and Pandas to actively engage in live project work with 90%+ accuracy. Mainly built projects based on CNN and Image Processing like skin detection using 10+ skin conditions.	

📁 PROJECTS

Health and Skin Condition Detector AI and ML	2022/05 – 2022/12
• Developed an interface using Tkinter to collect image data for a project catering to users coping with skin issues using Tensorflow libraries. • Achieved 94% accuracy using CNN for feature extraction and classification in Deep Learning algorithms. • Produced report explaining all the findings related to various skin conditions.	
Disaster Management System ML and Web D	2022/09 – 2023/02
• Pioneered a platform for direct data collection from disaster victims, utilizing text, voice, and images to detect and assess the impact of disasters. • Accomplished model accuracy measured to 86% using machine learning algorithms like CNN and NLP.	
Ad- Recommendation Optimized System Ad-bidding algorithm	2024/04 – 2024/05
• Developed and implemented a sample Ad-Recommendation Optimized System that leverages advanced machine learning solutions such as collaborative filtering and natural language processing (NLP) to deliver the right set of ads to users. • By optimizing ML algorithms I ensured ads were personalized based on user response models using techniques like user clustering and sentiment analysis, resulting in a more engaging and relevant advertising experience. The system included sophisticated bidding algorithms and dynamic pricing strategies, such as second-price auctions and real-time bidding , to maximize revenue and ad effectiveness. This project significantly improved ad targeting accuracy and overall campaign performance, demonstrating the power of data-driven decision-making in digital advertising.	
Comprehensive Operational Risk Management and Mitigation System Under internship with Ozibook	
• Aimed at identifying, assessing, and mitigating operational risks within our product lines. Utilizing advanced data analytics, we were able to improve risk management processes and enhance decision-making. • The project involved extensive collaboration across multiple business units to design and implement tailored risk mitigation strategies. We developed interactive dashboards and reports to visualize risk metrics and trends, leveraging best practices and predictive analytics. • This initiative resulted in stronger cross-functional collaboration, improved risk identification, and increased alignment with our enterprise risk framework.	

🧠 SKILLS

Technologies Artificial Intelligence, Deep Learning, Machine Learning, MS-Office, Data Analytics, Business Analysis and Big Data Methodologies	Languages Python, My SQL, R,	Tools & Frameworks CNN, Tkinter, Microsoft Excel/Powerpoint, PowerBI, Tableau, Report writing
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CERTIFICATIONS

President E-Cell GBPEC

Participated in Speak For India
Level 2

CEPTA Certification- Data Analytics
With 2 week Internship