



# SANJANA UMRAO

ASPIRING SOFTWARE ENGINEER



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Sanjana

## SUMMARY

Demonstrating dedication and resilience, a passion for learning and discovery defines this individual's character. With a primary focus on cultivating a career as a versatile professional with prioritized long-term goals, embracing challenges with enthusiasm is a hallmark. Bringing a proactive mindset and genuine eagerness to learn and adapt to different environments, the excitement of uncovering new knowledge fuels the journey.

## TECHNICAL SKILLS

- Programming languages: Java, C, C++, Python
- Web Technologies: HTML5, CSS
- Data Management: MySQL, MS Access
- Tools: Proteus, Cisco Packet Tracer, IBM Cognos, Git/GitHub, MS Excel
- Platforms: Unix, MS Windows7, 2000, XP, Vista



## CERTIFICATIONS

- Data Structure and Algorithms | Geeks for Geeks | Dec '23
- IBM Data Analyst Professional Certificate | Coursera | Apr '23
- Excel Basics for Data Analysis | Coursera | Apr '23
- Leadership and Management | GL Academy | Mar '23
- C++ Programming | GL Academy | Jan '23
- C Programming | GL Academy | Dec '22
- CyberShikshaa for Beginners | Quick Heal Academy - Microsoft and DSC | Dec '21

## POWER SKILLS

- Adaptability
- Flexibility
- Team Work
- Critical Thinking
- Problem Solving

## PROFILE LINKS

-  <https://www.hackerrank.com/profile/sanjanaumrao2003>
-  <https://leetcode.com/sanjana-123>

## PROJECTS

- Hallucination Detection in Contextual Question Answering Model Feb '24
  - Developed a robust RNN LSTM model to accurately detect hallucinations in contextual question answering. Achieved 92.3% accuracy using this neural network.
- Audio Emotion Detector Dec '23 - Jan '24
  - Designed Audio Emotion Detector using Decision Tree, CNN and MLP model. Achieved 90% accuracy using MLP.
- GUI-based Library Management System Sep '22 - Feb '23
  - Created User-friendly Library Management System using Java, emphasizing a seamless Interface for Efficient navigation and Interaction.

## ACHIEVEMENTS

- Successfully solved over 250 programming and technical challenges across multiple online platforms, demonstrating proficiency in problem-solving and a commitment to continuous learning.
- A Competition on Problem-Solving: Secured 2nd position in the competition which showcased analytical and problem-solving skills.
- IFIN Hackathon: Secured 3rd position in developing a robust neural network model.

## EXTRA CURRICULAR ACTIVITIES

- Contributed to a community development project focused on environmental sustainability and combating climate change by planting trees in local parks and public spaces.
- A Quiz Competition on Communication Skills.

## EDUCATION

- Bachelor of Technology, Computer Science and Engineering (Artificial intelligence and Machine Learning) Sept '21 - Present  
Lovely Professional University | Phagwara, IN  
CGPA 8.11
- Higher Secondary (Indian School Certificate) 2019 - 2020  
U.P Kirana Seva Samiti Vidyalaya | Kanpur, IN  
Percentage - 90%
- Matriculation (Indian Certificate of Secondary Education) 2017 - 2018  
U.P Kirana Seva Samiti Vidyalaya | Kanpur, IN  
Percentage - 90%