



GEETHANJALI RAI
B.Tech. - Computer Science and Technology
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Hyderabad, Telangana, India - 500104



EDUCATION

G. Narayanamma Institute of Technology and Science

2021 - 2025

B.Tech. - Computer Science and Technology | CGPA: 7.43 / 10

Mahaveer Institute of Science & Technology, Hyderabad

2019

Diploma | Diploma - Computer Science and Engineering - Computer Science and Engineering | Jawaharlal Nehru Technological University | CGPA: 9.20 / 10

Sakkubai Memorial High School, Hyderabad

2019

10th | BSET | CGPA: 8.30 / 10

PROJECTS

Sports Management System

01 Dec, 2023 - 01 Apr, 2024

Mentor: Mrs. P. Mounika, Assistant Professor | Team Size: 3

Key Skills:

Communication Skills | Java | Python | Integration | Management | Team Leadership | Programming Languages

Sports Management System is an app which deals with the organization of sporting events by offering a user-friendly platform that prioritizes efficiency and engagement. Users, including event organizers from schools, colleges, and participants, can easily create user accounts, managing their information and preferences seamlessly. The system facilitates the effortless posting of marathon events, school tournaments, and college competitions, with detailed information ensuring clarity for potential participants. Additionally, organizers seeking venues can receive ground renting information from the admins personally, allowing them to explore available options, view pricing, and initiate bookings if required.

ConCap

10 Jan, 2023 - 21 Jul, 2023

Mentor: Aparna | Team Size: 3

Key Skills: Web Development | Java | HTML | PHP | JScript

It is basically an online portal for a college where students and faculty can use. Here students can access the content posted by the faculty as per their semester and year. The authority to enter and modify content is given only to the concerned faculty where as students has only view access.

Prediction of Graduation Admission

09 Feb, 2022 - 12 Apr, 2022

Mentor: Sri Vidya | Team Size: 4

Key Skills: Machine Learning | Programming Languages | Problem Solving | Problem Analysis

Our portal gives the exact accuracy for the student about their Graduation Admission on given university. Multiple ML models are trained using variety of input data sequences and here a end user i.e. student enters their data like SSC GPA, Inter GPA/ Percentage, etc. as input based on which a graph is being displayed on the web page about the prediction.

YieldDirect- Helping farmers maximize yield

Mentor: Dr. S. Ramacharan, BTech, MTech, Ph.D, Post Doctoral(USA) and Mr. M Mohan | Team Size: 3

Key Skills:

Work Management | Python | Patience | Team Management | Communications | Commercial Awareness | Bussiness

Agriculture is the backbone of India's economy, supporting millions of farmers. However, small and medium-sized farmers often struggle with low crop yields and limited access to fair markets. YieldDirect is a platform designed to help farmers overcome these challenges by providing valuable insights for better crop management and a direct way to sell their produce. By using technology, YieldDirect offers personalized farming advice and helps farmers connect with buyers without relying on middlemen. This ensures they get better prices for their produce while improving productivity. With YieldDirect, farmers can grow smarter and sell more efficiently, leading to a more sustainable and profitable farming future.

PUBLICATIONS / RESEARCH / WHITE PAPERS

YieldDirect: Helping Farmers Maximize Yield

24 Feb, 2025

Data Science and Business Analytics | Springer | **Mentor:** Mr. S Ramacharan, Btech, MTech, Ph.D, Post Doctoral(USA) |

No. of Authors: 3

Key Skills: Python Task Management Leadership Skills Public Speaking Team Leadership Programming Languages

Agriculture is the backbone of India's economy, supporting millions of farmers. However, small and medium-sized farmers often struggle with low crop yields and limited access to fair markets. YieldDirect is a platform designed to help farmers overcome these challenges by providing valuable insights for better crop management and a direct way to sell their produce. By using technology, YieldDirect offers personalized farming advice and helps farmers connect with buyers without relying on middlemen. This ensures they get better prices for their produce while improving productivity. With YieldDirect, farmers can grow smarter and sell more efficiently, leading to a more sustainable and profitable farming future.

ASSESSMENTS / CERTIFICATIONS

L'Oreal Sustainability Challenge 2024

An incredible experience at the L'Oréal Sustainability Challenge 2024! 🌱 It was inspiring to brainstorm innovative solutions for a greener future with like-minded individuals. Huge thanks to L'Oréal for the opportunity and to my amazing team Likhitha Shika and Vikyathi Ch for the collaboration! 🌱 Looking forward to more such sustainability-driven challenges. hashtag#Sustainability hashtag#Innovation hashtag#LOrealChallenge2024

NASA Space Apps Challenge 2023

Key Skills: Creative Problem Solving Programming Creative Writing Content Curation ubli Public Relations

Had an out-of-this-world experience at the NASA Space Apps Challenge 2023 hackathon! 🌌 Imagine a 24-hour, caffeine-fueled, sleepless night packed with laughter, intense brainstorming, and some serious space problem-solving. Who knew that tackling real-world space challenges could be this much fun? The insights gained and the innovative solutions developed were truly inspiring. Huge shout out to my amazing teammates Likhitha Shika and Gouthami Reddy Narra for making it an unforgettable adventure. Ready for more cosmic coding nights! 🚀🚀🚀

Certificate of Completion - Basics of Block chain

Thrilled to share that I've delved into the world of Blockchain through the Edyst course! 🌐 Grateful for the insightful lessons that have broadened my understanding of this revolutionary technology. Excited to explore the limitless possibilities of Blockchain in my future endeavors!

Certificate of Completion - Basics of Java

Key Skills: Java Programming Problem Solving

Proud to share that I've successfully completed the Java course on Edyst! 🌐 Grateful for the in-depth learning journey that has sharpened my Java programming skills. Excited to leverage this expertise in my upcoming projects! hashtag

Certificate of Completion - Basics of Python

SEMINARS / TRAININGS / WORKSHOPS

TCP/IP Institute Name: G. Narayanamma Institute of Technology and Science

10 Dec, 2022 - 10 Dec, 2022

Key Skills: Communication Teamwork Research

Given a seminar on the TCP/IP protocol as part of Operating Systems subject

Ethical hacking and cybersecurity

Institute Name: Supraja Technologies

Key Skills: Ethical Hacking Cyber Security Attention

The Ethical Hacking Workshop offered a comprehensive exploration of the values and importance of ethical hacking in the realm of computer networks. It focused on instilling practical knowledge about safeguarding systems, covering key areas such as SQL injection and cryptography. The workshop ensured that attendees acquired skills aligned with ethical and legal hacking practices, preparing them to make meaningful contributions to the cyber-security landscape.

IMs

- Other - <https://www.linkedin.com/in/geethanjali-rai/>

PERSONAL DETAILS

Gender: Female
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