

# RISHIT SURA

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## EDUCATION

|  |                               |
|--|-------------------------------|
| <b>B.Tech. in Computer Science and Engineering (AIML)</b><br>VNR Vignana Jyothi Institute of Engineering and Technology (Currently Third Year) | 2022-2026<br>CGPA: 8.35       |
| <b>Intermediate</b><br>Sri Chaitanya Junior College, Telangana   | 2020-2022<br>Percentage: 89.6 |

## EXPERIENCE

|  |                                      |
|--|--------------------------------------|
| <b>Data Science Intern</b><br>IBM SkillsBuild and CSRBOX   | Feb 2024 - Mar 2024<br><i>Remote</i> |
| Analyzed complex datasets using R by creating visualizations that increased actionable insights by 30% and improved decision-making processes. |                                      |

## PROJECTS

### SportAI – AI-Powered Athlete Management Platform:

- Engineered real-time athlete monitoring system with Flutter, FastAPI, and OpenCV, achieving 90% accuracy in posture detection and 40% injury reduction across 100+ users.
- Developed injury prediction model using Random Forest and implemented RAG-based AI coaching system with LangChain & Gemini API handling 1000+ requests daily.

### OptiDeliver – AI-Powered Delivery Optimization System:

- Developed AI-powered logistics solution for India Post, optimizing delivery routes and time slots for 1,000+ daily shipments, achieving 40% faster deliveries and 15% reduction in fuel consumption.
- Integrated Twilio API for 2,000+ real-time SMS notifications daily and customer survey insights to align sender-receiver preferences dynamically.

### Nextpad – Creative Writing Sharing Platform:

- Built full-stack web application using React.js, Node.js, and MongoDB for sharing creative writing pieces such as poetry, short stories, and essays.
- Implemented features like genre-based categorization and content management that increased user engagement by 50% and content submissions by 40%.

## CERTIFICATIONS

- Smart Coder [Certification](#) from Smart Interviews
- Supervised Machine Learning: Regression and Classification [Certification](#) from Coursera
- Programming in Modern C++ [Certification](#) from NPTEL
- Tableau [Certification](#) from Internshala
- J.P. Morgan Software Engineering Virtual Experience [Certification](#) from Forage

## SKILLS

|                                   |  |
|-----------------------------------|--|
| <b>Programming Languages</b>      | C, C++, Python, R, SQL, JavaScript                           |
| <b>Web Technologies</b>           | HTML, CSS, Bootstrap, React.js                               |
| <b>Databases</b>                  | MySQL, SQLite, MongoDB                                       |
| <b>Developer Tools and others</b> | VS Code, Google Colab, SQLPLus, Git, GitHub, Power BI, Canva |

## EXTRA-CURRICULAR ACTIVITIES

- Led 'Krithoathon 2.0' (nationwide 24-Hr Hackathon with 800+ participants) and Krithomedh Coding Contest (100+ participants) as an active member of VNRVJIET's AIML & IoT Student Community.
- Spearheaded NSS VNRVJIET blood drive collecting 1000+ units and the distribution of 500+ seed balls.

## CO-CURRICULAR & ACHIEVEMENTS

- Winner of GDGC Solution Challenge 2025** – Developed SportAI, using RAG, ML, OpenCV and Flutter.
- 2nd Prize in Project Contest** at Convergence 2k25, VNRVJIET
- Consolation Prize in Paper Presentation** at Convergence 2k25, VNRVJIET
- Finalist of Smart India Hackathon 2024** - Ranked among the top 5 teams (top 2.4% of 13,000+ participants) for addressing a problem statement from the Ministry of Communication.
- Competed in multiple hackathons: **SIH 2023 & 2024, Red Hat and Intel AI Hackathon, GDSC Solution Challenge, Webathon, VJ Hackathon 2023 & 2024**, developing solutions for real-world problems.