


RISHIT SURA

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EDUCATION

B.Tech. in Computer Science and Engineering (AIML)

VNR Vignana Jyothi Institute of Engineering and Technology (Currently Final Year)

2022-2026

CGPA: 8.24

Intermediate

Sri Chaitanya Junior College, Telangana

2020-2022

Percentage: 89.6

EXPERIENCE

Data Science Intern - IBM SkillsBuild and CSRBOX

Feb 2024 - Mar 2024

- Analyzed large-scale datasets using R programming to extract insights that improve operational efficiency
- Created data analysis reports and dashboards to support stakeholders in making data-driven decisions

PROJECTS

SportAI - Athlete Management Platform — Flutter, FastAPI, OpenCV, Gemini, LangChain, Firebase

- Engineered an AI-powered athlete monitoring system that provides real-time posture analysis and technique correction, achieving 90% detection accuracy across diverse movement patterns.
- Developed injury prediction model using Random Forest and implemented RAG-based AI coaching system with LangChain & Gemini API handling 1000+ simulated requests daily.

OptiDeliver - Delivery Optimization System — React.js, Flask, MongoDB, Twilio, Random Forest, K-Means++

- Developed an AI-powered logistics solution for India Post that optimizes delivery routes and time slots for 1,000+ daily shipments, designed to reduce delivery times and fuel consumption.
- Integrated Twilio API for 2,000+ real-time SMS notifications daily and built dynamic delivery scheduling system with sender-customer preference integration.

NextPad – Creative Writing Sharing Platform — MongoDB, Express.js, React.js, Node.js

- Built a community platform for writers to create, share, and discover creative content across multiple genres, featuring personalized content recommendations.
- Implemented user authentication, content management features, and responsive UI with Bootstrap, custom CSS, and React Router for seamless navigation between application sections.

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

Programming Languages

C, C++, Python, Java, R, SQL, JavaScript

Web Technologies

HTML, CSS, Bootstrap, React.js, Node.js

Databases

MySQL, SQLite, MongoDB

Developer Tools and others

VS Code, Google Colab, SQLPLus, Git, GitHub, Tableau, Power BI, Docker

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.