

RISHIT SURA

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EDUCATION

B.Tech. in Computer Science and Engineering (AIML) VNR Vignana Jyothi Institute of Engineering and Technology (Currently Third Year)	2022-2026 CGPA: 8.17
Intermediate Sri Chaitanya Junior College, Telangana	2020-2022 Percentage: 89.6

EXPERIENCE

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

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, 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

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.