

RISHIT SURA

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SKILLS

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

EDUCATION

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

EXPERIENCE

Data Science Intern	Feb 2024 - Mar 2024
IBM SkillsBuild and CSRBOX	<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, processing 7 health metrics with 85% accuracy in early detection.
 - Implemented RAG-based AI coaching system with LangChain & Gemini API handling 1000+ requests daily.
- **OptiDeliver – AI-Powered Delivery Optimization System:**
 - Developed AI-powered solution for India Post to optimize delivery routes and time slots scheduling using advanced algorithmic techniques.
 - Integrated customer survey insights and simulated datasets to align sender-receiver preferences dynamically.
 - Achieved 40% faster deliveries and 15% reduction in fuel consumption through intelligent routing optimization.
- **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, essays, flash fiction and more.
 - Implemented features like genre-based categorization, user profiles, content submission, and soft delete.
 - Optimized features to potentially increase user engagement by 50% and content submissions by 40%.

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification [Certification](#) from Coursera
- Tableau [Certification](#) from Internshala
- J.P. Morgan Software Engineering Virtual Experience [Certification](#) from Forage

EXTRA-CURRICULAR ACTIVITIES

- Led 'Krithoathon 2.0,' a nationwide 24-Hr Hackathon (800+ participants) and Krithomedh Coding Contest (100+ participants) as active member of Krithomedh - VNRVJIET's AIML & IoT Student Community.
- Spearheaded NSS VNRVJIET initiatives in organizing blood donation camp collecting 1000+ units and distributed 500 seed balls, increasing green cover by 20%.

CO-CURRICULAR & ACHIEVEMENTS

- **Winner of GDGC Solution Challenge 2025** – Developed SportAI, using RAG, ML, OpenCV and Flutter.
- **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.