

# RISHIT SURA

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## SKILLS

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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

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

## EXPERIENCE

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<b>Data Science Intern</b>	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

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- **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.
- **Hate Speech Recognition System:**
  - Engineered ML-based tweet classification system using Python, achieving 90% accuracy in detecting hate speech and offensive language.
  - Implemented advanced text preprocessing and Decision Tree Classifier to minimize false positives.
  - Developed a robust NLP solution demonstrating expertise in machine learning and text analysis.
- **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

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- 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

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- 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

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- Smart India Hackathon 2024 finalist - Achieved a position in the top 2.4% of 13,000+ participants nationwide, ranking among the top 5 teams for addressing a problem statement from the Ministry of Communication. Recognized for delivering an innovative and impactful solution to a critical challenge.
- Advanced to Round 2 in Webathon 2.0 organized by GDSC and ACM VNRVJIET.
- Participated in many hackathons including **SIH 2023 & 2024, Red Hat and Intel AI Hackathon, GDSC Solution Challenge, VJ Hackathon 2023 & 2024**, collaborating within teams to solve challenges.