

RISHIKA NAYAKOTI

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EDUCATION

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY 2020 - 2024

Bachelor of Technology

Computer Science Engineering - AI and ML

CGPA - 9

Relevant Coursework: Machine Learning, Operating Systems, Database Management, Agile Methodology

SRI CHAITANYA JUNIOR COLLEGE

2018 - 2020

Intermediate - MPC

percentage - 98%

SKILLS

Languages

Python, Java, SQL, C, JavaScript, HTML, CSS

Technologies & Libraries

React, NodeJS, Bootstrap, NumPy, Pandas, OpenCV, Tableau

Database/Tools

MySQL, MongoDB, Git, GitHub, Restful API

Operating Systems

Windows, Linux

Soft Skills

Critical thinking, Analytical, Communicative, Collaborative

PROJECTS

Website Blocker [🔗](#)

Built a robust website blocking solution using Python and tkinter resulting in a significant boost in team productivity by eliminating distractions during work hours, leading to a 20% increase in daily task completion rates and saving an average of 15 hours per week.

Driver Drowsiness Detection [🔗](#)

Engineered a Python model using OpenCV, tensorflow and dlib to detect driver drowsiness with 98% accuracy, alerting the driver with an alarm after 8 frames (290ms).

Color Picker [🔗](#)

Developed a user-friendly, web-based color picker with 216 pre-defined colors and a preview window, using HTML5, CSS, and JavaScript, enabling 100+ users to select and preview colors effortlessly.

Personal Portfolio Website [🔗](#)

Designed and developed a dynamic personal portfolio website using HTML, CSS, and JavaScript, providing easy access for potential employers and collaborators.

CERTIFICATIONS

- Certification in Advanced Data science and Data mining by Kirill Eremanko, SuperDataScience Team.
- Certification in Full-stack web development (MERN) by Master Coding Organization.

ACHIEVEMENTS

- Selected for the JP MORGAN CHASE & CO. Code For Good hackathon, where I collaborated with a team of 8 talented individuals and JP Morgan Chase employees to develop innovative solutions for humanitarian organisations.
- Organized the Smart India Hackathon with 200 students to solve real-world problems, demonstrating strong interpersonal, communication, and mentoring skills.
- Certified of merit for securing 2nd position in the event of Pseudocode Contest at TECHNOVANZA 2K21, an annual technical symposium.
- "Data-Driven Decisions: A Review of Machine Learning Models, Soil Sensors, and Crop Recommendation Systems," published in the GIJET Journal in 2024.