

Rithwik Reddy Donthi Reddy

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github.com/rithwik-d

Education

VNR VJIET, B.S in Computer Science - GPA: 8.4/10 Apr 2020 – Mar 2024
University Of Oklahoma, M.S in Computer Science - GPA: 3.6/4 Aug 2024 – May 2026

Technologies

Technologies: C++, Java, SQL, HTML, CSS, JavaScript, ReactJS, Artificial Intelligence, Machine Learning, SDLC, Software Engineering

Software Tools: Azure, Microsoft SQL Server, XCode, VS Code, Figma

Projects

Internship Project Management System github.com/rithwik/IPMS

- Designed and developed a web-based platform to streamline allocation, tracking, and evaluation of internship projects.
- Implemented modules for student registration, project submission, mentor assignment, and progress tracking.

Helmet and Number Plate Detection: github.com/rithwik-d/Detect

- The aim of the project is to monitor and analyze whether riders are wearing helmets. If a rider is found to be without a helmet, the system detects the license plate information.
- YOLO (You Look Only Once) v5 is a state-of-the-art object detection algorithm. It is fast and efficient, making it an excellent choice for real-time object detection tasks.

Patient Assistant Network Database System:

- Designed and implemented a relational database system to manage patients, donors, volunteers, employees, and teams with support for donations, expenses, and insurance details. Developed ER diagrams, schemas, and SQL scripts to ensure efficient data organization, indexing, and retrieval.

Extracurricular

Founding Member and Social Media Head – Krithomedh

- Played a key role in establishing the community, contributing to its growth and outreach.
- Gained strong team collaboration and leadership skills through planning, organizing, and executing technical events and workshops.
- Led event promotions and community engagement as Social Media Head, enhancing participation and visibility.

Director, Screenwriter, VJTEATRO – Short Film Club of VNRVJIET

- Actively contributed to the creation and production of short films, collaborating with peers on scriptwriting, direction, and performance.
- Developed creative storytelling, communication, and teamwork skills through participation in film projects and club activities.
- Gained hands-on experience in planning, coordination, and execution of cultural and media initiatives.

National Social Service (NSS)

- Organized blood donation camps and blanket distribution drives during winter, contributing to community welfare and social impact.
- Coordinated with volunteers and local organizations, building skills in event planning, teamwork, and execution.
- Actively promoted social responsibility and developed a commitment to community service and leadership.