

Sirisha VL

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EDUCATION

Rao Bahadur Y. Mahabaleswarappa Engineering College (RYMEC)

Bachelor of Technology in Computer Science & Engineering

Percentage: 84.47;

Relevant Coursework: Data Structures & Algorithms, Database Systems, Web Development, Machine Learning

Ballari, India

To be Graduated: May 2026

PROFESSIONAL SUMMARY

I am a proficient and passionate software developer with a focus on innovative solutions in technology. With extensive experience in various programming languages and frameworks, I excel at developing web applications and APIs. My recent internships provided me with hands-on experience in collaborative teams, enhancing user experience and optimizing workflows. I strive for continuous learning and improvement to contribute effectively to impactful projects.

PROJECTS

AI Shopping Jarvis – AI + Web Engineering Project

Tech Stack: Flask, Selenium, Python, OpenAI, Hugging Face

Feb 2025

- Built an AI-powered shopping assistant that intelligently searches and recommends top-rated, low-cost products from Amazon, Flipkart, and official brand stores.
- Integrated voice command recognition, smart product ranking, and real-time data scraping using Selenium and Flask.
- Demonstrated strong skills in automation, AI integration, and user-centric web engineering.

Online Senior Support Group Management System – Full Stack Web App

Tech Stack: PHP, HTML, CSS, MySQL

Mar 2024

- Developed a responsive and secure platform to connect senior citizens with caregivers and support groups.
- Implemented user authentication, data management, and scalable database architecture.
- Demonstrated full-stack development proficiency and empathy-driven problem-solving in social tech.

Train and Bus Enquiry System – Intelligent Transport Information App

Tech Stack: Python, Flask, REST API, HTML, CSS, MySQL

Sep 2025

- Developed a web-based system to provide real-time train and bus schedule information, seat availability, and route details.
- Integrated external APIs for live transport data and implemented efficient query handling using Flask and MySQL.
- Improved accessibility for commuters by offering a unified platform for multi-modal transport enquiries.

Driver Drowsiness Detection – Real-time ML & CV System

Tech Stack: Python, Mediapipe, OpenCV, Computer Vision

Jan 2024

- Engineered a real-time alert system that detects driver fatigue using facial landmark analysis via Mediapipe.
- Applied core computer vision and AI algorithms to enhance road safety and reduce accident risk.
- Showcased expertise in real-time processing and applied ML for public safety.

ACTIVITIES

COLLEGE TECHNICAL EVENTS COORDINATOR

Oct 2025

- Organized 10+ Tech events and coding bootcamps with 100+ participants.
- Led a team of volunteers to plan, manage, and execute events smoothly, enhancing collaboration and technical engagement on campus.

HACKATHONS

Jan 2024 & 2025

- Participated in **Smart India Hackathon 2024**, developing innovative AI-ML solutions to address real-world challenges.
- Participated in **State-Level Hackathon by RYMEC**, developing innovative solutions to tackle real-world challenges.

ADDITIONAL

Technical Skills: Python, Java, C, C++, JavaScript, React.js, Node.js, Express.js, Flask, HTML, CSS, MySQL, MongoDB, Firebase, Git, Docker, Selenium, Mediapipe, TensorFlow, OpenCV, RESTful APIs

Languages: English, Hindi, Telugu, Kannada

Certifications & Training: Programming in Python – Infosys, AWS Certified (Backend Infrastructure Relevance) – Infosys, Workshop on Data Science with Python – RYMEC, Cyber Job Simulation – Deloitte.