

YASHWANTH S C

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8x Hackathon Winner seeking 2025 internships

EDUCATION

Sri Krishna College of Technology

Bachelor of Engineering in Computer Science with Honors

Coimbatore, IN

Oct 2022 – Aug 2026

EXPERIENCE

Rise Corporation

Jun 2024 – Aug 2024

Student Machine Learning Intern

Coimbatore, IN

- Engineered a real-time patient tracking system utilizing machine learning and advanced data analytics, elevating patient outcomes from **63%** to **87%** through actionable insights derived from medical records and environmental factors.
- Implemented predictive models for forecasting disease outbreaks, patient readmission rates, and treatment plan optimization, achieving **93%** accuracy in predictions.
- Architected an AI-driven recommendation engine integrating real-time data and medical records, delivering healthcare providers a predictive resemblance rate of **73%**, accelerating decision-making in patient care.

PROJECTS

Traffic Neo — Python, YOLOv5, DeepSort, Computer Vision

Sep 2024

- Secured **2nd Place at National Road Safety Hackathon by IIT Roorkee**, architecting a traffic management algorithm demonstrating potential to save **20,400** lives per day in India.
- Integrated YOLO, a high-performance object detection model, boosting accuracy by **30%** in vehicle detection and enhancing computational efficiency by **25%**.

VDoc - Personal Health Assistant — Gemini LLM, Google Lens API, GCP, Next JS Node.js

Jul 2024

- Earned recognition in Google's **Gemini Developer Contest** through architecting an AI-driven health assistant.
- Created solution achieving **92%** accuracy in processing and analyzing drug interactions, leveraging custom trained **Gemini LLM (12-hour training)** integrated with Google Lens for enhanced real-time capabilities.
- Architected a multi-modal system integrating three specialized AI assistants (Drug Interaction Finder, Nutritionist, Chef) with real-time drug label scanning and analysis using **Google Lens API**, processing over **1000+** pharmaceutical products with **89%** identification accuracy.

FreshnCo — Angular JS, Springboot, MYSQL, RestAPI, Bcrypt

May 2024

- Secured **2nd Place at National EDC hackathon**, architecting a novel application integrating Angular and Springboot to directly source and verify organic consumables from farmers.
- Devised a cosine similarity-based search algorithm, boosting product retrieval efficiency by **35%**, optimizing user experience.

LEADERSHIP

CSE Ions - Treasurer

Jul 2024 - Present

- Spearhead department association operations, managing annual budget of **₹1.5 Lakhs**, orchestrating **30+** events, and facilitating education for **600+** students through workshops, hackathons, and technical sessions to catalyze growth and engagement.

OneVision Chief Technical Officer

Jun 2024 - Present

- Co-founded** and spearheaded startup delivering software-based services to foreign businesses, orchestrating solutions for **25+ clients** across **6+ countries**, focusing on scalable, innovative, and impactful implementations addressing diverse business needs.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, Typescript, HTML/CSS, R

Frameworks: Angular JS, React.js, Next.js, Node.js, Flask, FastAPI, Firebase, MongoDB

Tools: Google Cloud, Git, Docker, VS Code, PyCharm, AWS

Libraries: Pandas, NumPy, TensorFlow, Keras, PyTorch, OpenCV, XGBoost