YASHWANTH S C

+91 9047819933 — yashwanth2k05@gmail.com — www.linkedin.com/in/yashwanth-s-c/ — https://github.com/Yashwanth-Chandrakumar

9x Hackathon Winner seeking 2025 internships

EDUCATION

Sri Krishna College of Technology   Coimbatore, IN
Bachelor of Engineering in Computer Science with Honors   Oct 2022 – May 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

Limoni — *React JS, Redux, Springboot, MYSQL, RestAPI, AWS*   Dec 2024
- Won **1st place in Smart India Hackathon 2024**, developing a real-time speed and location tracking system with **98.7% accuracy** to enforce zone-wise speed limits and reduce road fatalities.
- Integrated GPS-based geofencing supporting **30+ unique regions** with adjustable speed limits, and designed an alert system to notify authorities of overspeeding violations within **2 seconds**.
- Achieved a **60% reduction in road fatalities during testing** by effectively mitigating overspeeding incidents.

Traffic Neo — *Python, YOLOv5, DeepSort, Computer Vision*   Sep 2024
- Secured **2nd place in the National Road Safety Hackathon by IIT Roorkee**, designing a traffic management algorithm that shows the potential to save **20,400** lives per day in India.
- Integrated YOLO, a high-performance object detection model, which increases accuracy by **30%** in vehicle detection and increases computational efficiency by **25%**.

VDoc - Personal Health Assistant — *Gemini LLM, Google Lens API, AWS, Next JS, Node.js*   Jul 2024
- Earned recognition in Google's **Gemini Developer Contest** through the design of an AI-driven health assistant.
- The created solution achieved an **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.

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, Bcrypt