



YASHWANTH S.C.

Aspiring Software Engineer

Short and engaging pitch about yourself.

✉ yashwanth2k05@gmail.com

📍 Tiruppur, TamilNadu

🌐 linkedin.com/in/yashwanth-s-c-948520255

📞 +91 9047819933

🌐 yashwanthsc.netlify.app/

🐙 github.com/Yashwanth-Chandrakumar

EDUCATION

B.E Computer Science Engineering

Sri Krishna College of Technology, Coimbatore

10/2022 - 08/2026

GPA: 9.2

Programming Course work:

- Design and Analysis of Algorithms
- Artificial Intelligence & Machine Learning

PERSONAL PROJECTS

Smart Traffic Flow Optimisation [🔗](#)

- Utilized **YOLOv5** and **DeepSort**, a state-of-the-art object detection model, for accurate **real time vehicle detection** with **92%** accuracy.
- Improved traffic flow prediction **accuracy by 30%**, contributing to better traffic management solutions.
- **Technical Skills:** Python, Deep Learning, Computer Vision.

FreshnCo [🔗](#)

- An **Ecommerce platform** for organic fruits and vegetables **Java** and **MySQL**.
- Integrated **cosine similarity algorithm** in search, improving product **retrieval efficiency by 35%**.
- **Technical Skills:** Java, MySQL, RestAPI, React JS.

Deepfake Detection and Shielding [🔗](#)

- Developed a deepfake detection mechanism **utilizing ResNet**, a powerful **deep learning model**, to identify manipulated images and videos with an **accuracy of 86%**.
- Aimed to combat the **growing threat of deepfakes** by providing a reliable tool for detecting fake media content, improving security and trustworthiness by **40%**.
- **Technical Skills:** Tensorflow, Pytorch, OpenCV, Pillow.

WORK EXPERIENCE

Machine Learning Intern

RISE Corp [🔗](#)

06/2024 - 07/2024

Texas & Coimbatore

RISE specializes in next-gen enterprise solutions based on immersive technologies

Achievements/Tasks

- Developed an AI-Driven Predictive Healthcare Analytics System to improve patient outcomes by 47%
- With ability to predict disease outbreaks, patient re-admission rates and optimizing treatment plans with 93% accuracy
- The model utilizes patient data, medical records and environment factors to provide actionable insights for healthcare providers with high resemblance of 73%

Contact : Vishwa, Project manager - +91 9342389937

SKILLS

Java

Python

C++

Linux

Git

Unix

Machine learning

Angular

React

Agile

Next

Natural language processing

AI

AWARDS

National Road Safety Hackathon(IIT R)-Runner [🔗](#)

Skills: Machine Learning, Computer Vision.

Synth AI (NIT Kurukshetra) - Runner [🔗](#)

Skills: Data Science, Artificial Intelligence.

Meraz Codehunt (IIT Bhilai) - Runner [🔗](#)

Skills: Competitive Coding, Algorithms, Data Structures.

Five times in a row College Topper in Code360 [🔗](#)

Skills: Coding, Data Structures and algorithms.

CERTIFICATES

Machine Learning - IBM with Honors [🔗](#)

Algorithmic Toolbox - UC San Diego [🔗](#)

Generative AI - IBM [🔗](#)

Machine Learning - Amazon Web Services (AWS) [🔗](#)

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

German

Limited Working Proficiency

INTERESTS

Software Development

Machine Learning

Artificial Intelligence

Large Action Models

Deep Learning

Natural Language Processing

Big Data

Computer Vision

Data Engineering