YAKKALA VIJAYARAM

+91 7207199369 ⬦ Hyderabad, India

vijayaram2106@gmail.com ⬦ linkedin.com/in/vijayaram-yakkala ⬦ github.com/yakkalavijayaram

EDUCATION

SRM Institute of Science and Technology, Chennai — Sep 2021 – May 2025
B.Tech in Computer Science — CGPA: 8.14

Tirumala Junior College, Bhimavaram — Jun 2019 – Mar 2021
12th Grade (BIEAP) — Score: 966/1000

Sri Chaitanya Techno School, Nagaram — Jun 2018 – Apr 2019
10th Grade (SSC) — CGPA: 10

SKILLS

Programming Languages	Python, SQL
Data Analysis	Exploratory Data Analysis (EDA), Pandas, NumPy, Matplotlib, Excel
Data Visualization	Power BI
Soft Skills	Team Leadership, Collaboration
Languages	English (Professional), Telugu (Native), Hindi (Limited)

EXPERIENCE

Machine Learning Intern — Aug 2023 – Sep 2023
Microsoft (Virtual Internship)

- Built and tested classification systems on 5 real-world datasets, achieving up to 92% accuracy.
- Streamlined data workflows, reducing processing time by 30% and improving reliability.

Web Development Intern — Oct 2023 – Nov 2023
1STOP.AI

- Implemented 3 responsive websites, improving user interaction time by 25%.
- Reduced page load times by 40% through code optimization and resource minification.

AI-ML Virtual Intern — Apr 2024 – Jun 2024
AICTE-Eduskills

- Developed 4 machine learning models using scikit-learn; F1-scores ranged between 0.75 to 0.87.
- Analyzed performance on over 1,000 samples and visualized results with confusion matrices.

Cloud Networking Intern — Jan 2024 – Mar 2024
AICTE-Eduskills

- Managed deployment of 5 applications on AWS EC2 with containerization via Kubernetes.
- Monitored virtual network traffic and resolved 95% of security anomalies through analysis.

PROJECTS

Armed Weapon Detection using Deep Learning. Developed a YOLOv5-based model trained on 10,000+ images to recognize weapons with 93% accuracy; integrated CCTV feeds for real-time alerting.

Grocery Store Management (SQL Project). Created and implemented a relational database for managing customers, employees, products, suppliers, and orders. Wrote SQL queries to analyze top customers, best-selling products, revenue trends, and supplier performance, generating insights for customer retention and inventory planning.

CERTIFICATIONS

Machine Learning Foundations – AWS Academy (Mar 2023)

Networking Essentials – Cisco (Apr 2023)

Big Data Analysis Deep Dive – Alibaba Cloud (Nov 2023)

LEADERSHIP

Committee Head, Operations – Directorate of Student Affairs, SRMIST

EXTRA-CURRICULAR ACTIVITIES

Volunteered and engaged in professional associations and cultural events at SRMIST.

Actively pursuing foreign language learning and communication enhancement.

COMPETITIONS

Flipkart Grid 5.0 – Participant on Unstop platform.