

# R RAGUL

DATA ANALYST

## CONTACT

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## SKILLS

- Python
- Problem-Solving and Critical Thinking
- Structure Query Language (SQL)
- Data Visualization in Tableau, Matplotlib & Seaborn
- Data Analysis
- Data Manipulation and Cleaning
- Data-Driven Decision Making

## EDUCATION

**B.TECH - IT**  
IFET College of Engineering, Villupuram  
**CGPA:** 7.99 (up to 6th Sem) Status: Pursuing

**HSC CERTIFICATION**  
Krishnasamy Mem. Mat. Hr. Sec. School  
**Percentage:** 73.66% | June 2020 - May 2021

### SSLC CERTIFICATION

Krishnasamy Mem. Mat. Hr. Sec. School  
**Percentage:** 63% | June 2018 - May 2019

## COURSE OF CERTIFICATION

- Cisco Certified | Data Analytics Essentials
- Cisco Certified | Introduction to Data Science
- PCAP | Python Programming Essentials
- Tata | Data Visualization and Analysis: Business Insights
- NPTEL | Python for Data Science
- Kaggle | SQL

## PROFILE

**Fresher B.Tech IT** graduate and aspiring Data Analyst with expertise in Python, SQL, Tableau, and Excel. Skilled in data cleaning, visualization, and extracting insights. Passionate about data-driven decision-making and problem-solving. Seeking opportunities to apply analytical skills in a dynamic environment.

## PROJECTS

- Emotional Detection using Facial Expression:**
  - Developed a real-time emotion detection application using Python, TensorFlow, and OpenCV. Integrated mood-based music recommendations with webcam functionality, optimizing performance through CNN fine-tuning for seamless user experience.
- Next-Generation Public Safety System for Real-Time Crowd and Weapon Detection using YOLOv11 with Automated Alerts:**
  - Developed an AI-based security system using YOLOv11, Optical Flow, and LSTM to detect weapons and violent behavior, enhancing public safety with proactive threat detection and automated alerts.

## WORK EXPERIENCE

- TECHNO HACKS** MAY 1 2024-MAY 31 2024  
DATA ANALYTICS
  - Seeking to leverage my data analytics internship experience at TechnoHacks to contribute to data-driven decision-making and deliver actionable insights for a dynamic organization
- COGNIFYZ TECHNOLOGIES** JUNE 1 2024-JUNE 30 2024  
DATA ANALYSIS
  - Completed a one-month internship, focusing on data cleaning, analysis, and reporting. Gained expertise in Python, SQL, and Tableau to process and visualize data effectively, delivering actionable insights.