# K. V. Raghul

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## Summary

Data Analyst in training with proficiency in Python, SQL, and Power BI. Experienced in developing interactive dashboards, data visualization, and analytics projects. Strong foundation in AI (Artificial Intelligence) / ML (Machine Learning), cloud, 5G networks, and cybersecurity.

## Education

**B.E. Computer Science and Engineering**, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai 2022-2026
CGPA: 8.21 (6th Sem)
**Shrishti Vidyashram Sr. Sec. School (CBSE)** – Class 12: 72.2% 2022

## Technical Skills

**Languages:** Python, Java, C, C++, SQL
**Analytics:** Power BI, Data Visualization, Data Cleaning, Statistics
**AI/ML:** Machine Learning (Basics), Deep Learning (Basics)
**Tools:** Flask, OpenCV, VMware, Kali Linux
**Domains:** Data Analytics, Cybersecurity, Cloud (AWS), 5G Networks

## Internships

**Infosys Springboard – Data Visualization Intern** (8 weeks, Ongoing) 2025
- Built interactive Power BI dashboards to deliver actionable insights.
**Elevate Labs – Data Analyst Intern** 2025
- Analyzed e-commerce data; identified return rate trends through dashboards.
**Edunet Foundation – AICTE Internship (Ongoing)** 2025
- Applied front-end development and AI concepts in green tech projects.
**NIIT Foundation – Virtual Internship in Cybersecurity & AI** 2025
- Completed 3 modules in Cybersecurity; gained practical exposure to networking and system security.

## Projects

- **HEALTHSYNC – Cloud-based Patient Record Management (GCP) 2025**: Developed secure and scalable healthcare record system using Flask and Google Cloud.
- **5G User Session Management (Flask + Open5GS) 2025**: Automated UE / gNB session control via Flask backend and nr-cli.
- **Borewell Rescue System (Balloon Method) 2023**: Proposed balloon-assisted mechanism for safe borewell child extraction.

## Certifications

- **NPTEL:** Design Thinking, Research & Innovation
- **TCS:** MasterCraft Data Plus, Career Edge, Master Data Management
- **Forage Virtual Internships:** PwC Power BI, Tata Data Visualization, AWS APAC 2025, Deloitte Cyber 2025, Data Analytics 2025
- **Oracle:** OCI Generative AI 2025
- **Workshops:** Game Development using AR/VR, Hands-on Training in Ethical Hacking
- **Microsoft:** Introduction to Computers and Operating Systems and Security, **Google:** Foundations of Cybersecurity, **DeepLearning.AI:** Generative AI for Everyone

## Leadership & Achievements

- Campus Ambassador – IIT Madras Mechanica 2025, IIT Guwahati Techniche 2025
- Treasurer – Rotaract Club (2023-2024)