

Saagar N Kashyap

@ saagarcourses@gmail.com

github.com/saagarnkashyap

@saagarnkashyap(linkedin)

+919945372427

Profile

Student with academic experience in data analysis. Proven track record of working with data analytics tools, such as Microsoft Excel, Tableau, and R. Experienced in data mining techniques, data visualization, and statistical analysis. Passionate about using data analysis insights to drive business decisions and improve processes.

Education

Vellore Institute Of Technology – AP (Computer Science and Engineering : 7.5)	2022 – 2026
Miranda Composite PU College (Pre – University : 86%)	2020 – 2022
Cambridge School (School : 89%)	2007 – 2020

Academic Experience

- **Project – DataFlow Nexus**
Sales data analysis for the company Walser Automotives under the guidance of [Dr. Koduru Hajarathaiah](#)
Analyzed sales data for Walser Automotives using Power BI, providing insights to improve decision-making and operations. and created interactive dashboards to display sales trends, customer demographics, and revenue performance clearly for stakeholders.
- **Exploring Wireless Network Penetration Testing**
A technical document under the guidance of [Dr. S Gopikrishnan](#)
Techniques to simulate cyberattacks, identify vulnerabilities, and improve security.
- **Efficient Query Processing in Column Family Database**
A technical document under the guidance of [Dr. S Gopikrishnan](#)
Detailed strategies for data modeling and query optimization in NoSQL systems.

Projects

- **Bheeshma – Sanatani Chatbot (current)**
Developed an agentic chatbot using CrewAI and a vector database for optimized, contextual responses to deliver accurate and culturally aligned insights.
- **Employee Attrition – Data Visualization**
Built interactive Power BI dashboards to analyze employee attrition trends and key drivers.
- **RoadVision AI – Vehicle Classification (under the guidance of [Dr. M. Sucharitha](#))**
Developed a YOLOv8-based model to classify vehicles in Indian and Bangladeshi road with real-time accuracy and performace
- **IntelliRide Guardian – Smart Helmet**
Engineered a smart helmet with IoT and advanced sensors for real-time safety monitoring.
Designed accident detection, emergency alerts, and fall detection, setting new standards in wearable safety tech.

Certifications

- AWS Cloud Foundations (Issued by AWS)
- AWS Cloud Architecting (Issued by AWS)
- PCAP – Programming Essentials in Python (Issued by Cisco)
- Neo4j Certified Professional (Issued by Neo4j)
- Full Stack Java Developer (Issued by VIT)
- Data Analytics (Issued by Cisco)

Skills

Programming: Java, Python, R, HTML

Data Analysis: Excel, Tableau, Power BI, Data Cleaning, Data Visualization

Soft Skills: Report Writing, Critical Thinking, Professionalism, Leadership, Time Management

Volunteering

- **Leadership & Community Volunteer – Hostel Committee, VIT – AP**
(November 2024 – May 2025)
Mentored juniors in leadership through workshops and team activities.
Volunteered in campus cleanup and stray animal rescue efforts.
- **Leadership Mentor – Kannada Association, VIT – AP**
(October 2024 – February 2025)
Mentored juniors in leadership development through workshops and team-building activities.
Provided guidance to help them take on leadership roles confidently.
- **Event manager and Creative Department Lead – Kannada Association, VIT – AP**
(September 2023 – September 2024)
Managed event logistics and led the creative team to design and execute engaging cultural events.
- **Volunteer Teacher – Government School, Bairasandra, Tayalur**
(June 2024 – June 2024)
Taught kids basic computer skills, including MS Paint, SmartArt, and internet safety.
Encouraged hands-on learning to boost creativity and tech confidence.
- **Education and Mentoring for JEE and COMEDK aspirants**
(April 2023 – June 2023)
Mentored students on JEE and COMEDK preparation, offering guidance on study strategies and key concepts and formula book