

RAHUL SINGH

B.Tech CSE (Artificial Intelligence & Data Science), 2022–2026
Vignan's Institute of Information Technology, Visakhapatnam, Andhra Pradesh

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Summary

Driven and enthusiastic Artificial Intelligence and Data Science student with entry-level experience in applying data analysis and machine learning techniques to real-world problems. Adept at working in collaborative environments, contributing to team-based projects, and utilizing a strong foundation in programming, statistics, and data manipulation. Passionate about staying up-to-date with the latest trends in AI, machine learning, and data science to enhance product features and create innovative solutions. Eager to leverage academic knowledge and hands-on experience to contribute to the development of cutting-edge technologies and drive business growth within a fast-paced, tech-driven industry.

Work Experience

Software Development Intern, Symbiosys Technologies

05/2024 – 06/2024

- I have developed a robust web scraping application tailored to simplify and automate the extraction of specific data from HTML files.
- Learning Web Scraping: Gained practical experience in extracting data from HTML files.

Education

B.Tech, Artificial Intelligence and Data Science — Vignan's Institute of Information and Technology 2022–2026

Achievements: CGPA – **7.45**

Diploma, Computer Engineering — Sanketika Polytechnic

2019–2022

Achievements: CGPA – **6.95**

Technical Skills

- Programming:** Python, C, Java, JavaScript, SQL
- AI/ML:** Machine Learning, Deep Learning, NLP, Generative AI, Data Analysis, Model Training, Feature Engineering
- Frameworks/Libs:** TensorFlow, Scikit-learn, Pandas, NumPy
- Web:** HTML, CSS, API Integration
- Data & BI:** Power BI, Tableau
- Cloud & Security:** AWS, Cloud Computing, Cyber Security Fundamentals
- Tools:** Git, GitHub, VS Code
- OS:** Linux, Windows, macOS

Projects

Weather Forecast Web Application

- Built a responsive weather platform with real-time and 5-day forecasts.
- Integrated OpenWeatherMap API for live data retrieval.
- Implemented dynamic UI updates and API-based data handling.

Osteoporosis Risk Prediction System

- Developed an ML-based prediction model using Random Forest.
- Image-based feature extraction for medical risk classification.
- Focused on early detection and healthcare decision support.

E-Waste Management Platform

- Designed a responsive web system for tracking and managing e-waste.
- Implemented classification, pickup scheduling, and contribution tracking.
- Built sustainability-focused digital workflows.

Asset Management Automation Tool

- Built automated HTML data extraction pipelines.
- Designed structured data export and reporting modules.
- Improved usability through intuitive workflow design.

Licenses & Certifications

CCNA: Python Essentials 1
Master Problem Solving and Critical Thinking (Udemy)
CCNAv7: Switching, Routing and Wireless Essentials
CCNA: Python Essentials 2
Python for Data Science (EdX)
Recon for Bug Bounty, Penetration Testers & Ethical Hackers (Udemy)
CCNAv7: Enterprise Networking, Security and Automation
Basics of Data Structures and Algorithms (Simplilearn)

AI & ML Virtual Internship (Eduskills)
CCNAv7: Bridging
CCNAv7: Introduction to Networks
AWS Academy Graduate – AWS Academy Cloud Foundations
Accelerating Deep Learning with GPUs (Cognitive Class)
IBM – Accelerating Deep Learning with GPUs
AWS Certified Developer – Associate (Infosys Springboard)
AWS Academy Graduate – AWS Academy Data Engineering
NPTEL – Cloud Computing (secured 56%)

Interests: Sports, Listening to Music, Content Writing, Internet Surfing, Gardening, Volunteering, Meditation.

Languages: English, Hindi, Telugu.