

Rusheeta Imandi

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Professional Summary

Dynamic and detail-oriented Data Science & Machine Learning enthusiast with a strong academic background in Computer Science. Skilled in Python, Java, SQL, and key development tools, with hands-on experience in AI-powered applications. Strong problem-solving and analytical skills. Passionate about contributing to innovative solutions in data science and analyst roles at leading MNCs.

Education

Gandhi Institute of Technology and Management

B.Tech in CSE | CGPA: 8.39

2022 - Present

Visakhapatnam, Andhra Pradesh

Ascent Junior College

Intermediate (MPC) | Percentage: 82.4%

2020 - 2022

Visakhapatnam, Andhra Pradesh

Sri Chaitanya School

SSC | Percentage: 97%

2020

Visakhapatnam, Andhra Pradesh

Projects

1.Ai & ML based real time sign converter using Machine Learning

- Built a comprehensive **sign language converter with converts the signs into text**
- Designed and trained with various signs to achieve accuracy.
- Skills and Tools Used:** open CV, python, media pipe
- Applied for the national patent

2. QUIZ GAME SOLVER using Java

- Developed a real time quiz game where an user can access his IQ random GK based questions will be asked.

3.Product Recommendation AI Chatbot using Python

- Recommends e-commerce products based on user search using similarity search in Python.

4.BMI & BMR Calculation and Diet Cum Exercise Planner using Python

- Developed a Python-based BMI and BMR calculator to assess health metrics and suggest personalized diet and exercise plans. Implemented linear regression and applied data preprocessing techniques for optimal model performance.
- Implemented user input validation and BMI classification to provide accurate weight category analysis.
- Integrated BMR calculations to determine daily caloric needs based on activity levels.
- Designed a structured meal and exercise plan based on calculated BMI and caloric intake.

Skills

- Programming Languages:** C, Python, Java
- Concepts:** Machine Learning, Data Science, Web Development, SQL.
- Web Technologies:** HTML, CSS
- Tools:** GIT, JIRA, JDK, PYCHARM,
- Soft skills:** Active listening, Critical thinking, Analytical skills

Certifications

- **C Language** – Certificate from IGIAT
- **Python** – Certificate from University of Michigan – Coursera
- **Data science with Python Internship** – EI Systems Services
- **Web Development** – Certifications from IBM & CodSoft
- **JIRA** – Certificate from Coursera for Agile Software Development
- **Smart India Hackathon** - Participated in National Wide hackathon and developed a POC for interpreting Sign Language and selected for Round 2.
- **Business Essentials** –
 - **Professional Skills for workspace** – Certificate from UC DAVIS – Coursera
 - **Project Management and Other tools** – Certificate from University of California- Coursera
 - **Software Engineering Job Simulation** – Certificate from Accenture

Publications

- **Research paper** – Sign language converter (submitted to editors)

Extra-Curricular Activities

- **Smart India Hackathon**
Participated in National Wide hackathon and selected for Level 2
- **Shore(2023&2024)**
Participated in a club-organized hackathon and secured the runner-up position.