

Madduri Sonu Srivatsa Rahul

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Summary

Computer Science undergraduate specializing in Data Science with strong foundations in Java and full-stack web development. Developed responsive web applications and automated data pipelines, achieving notable performance improvements. Demonstrated academic excellence through technical projects, certifications and competitive events.

Education

- Prasad V. Potluri Siddhartha Institute Of Technology** Vijayawada, India
 - Bachelor of Technology - Computer Science Engineering in Data Science; CGPA: 9.15 2023 – Present*
 - Relevant Coursework:** OOPS, Data Science, Data Structures, Analysis Of Algorithms, Machine Learning, Data Engineering

Projects

Whack-a-Word : Interactive Word Guessing Game (Web Development)

Developed a browser-based word guessing game, featuring a pool of 50 dynamically scrambled words. Implemented logic to provide real-time feedback on incorrect letters and limited the number of attempts. Designed a fully responsive and device-adaptive layout. Applied modern styling with gradients and shadows to enhance visual appeal and user experience. [🔗 Live Link](#)

Tech Stack: HTML5, CSS3, Vanilla JavaScript

Data Science Project Pipeline: (Data Science)

Engineered a full data science pipeline to automate data collection, cleaning, analysis, and visualization. Integrated web scraping tools to reduce manual effort by 40% and streamlined workflows saved 15 hours weekly. [🔗 Repo Link](#)

Tech Stack: Python, Scrapy, Scipy, Pandas, Scikit-learn, Seaborn, Matplotlib, Jupyter Notebook

Technical Skills

- Languages:** Java, Python, JavaScript, C
- Frameworks & Libraries:** Scikit, BeautifulSoup, Scrapy, Scipy, Numpy, Pandas
- Database:** MySQL, MongoDB, Java DataBase Connectivity (JDBC)
- Tools:** Jupyter Notebook, VS Code, Eclipse

Certifications

- Java (NPTEL “ELITE” certification) [Link](#)
- Elements of AI (MinnaLearn) [Link](#)
- AWS Data Engineering Virtual Internship (Eduskills) [Link](#)

Achievements

- Finished as **Runner-up** in the Full Stack Idea Hackathon, PVPSIT 2k25. [Link](#)
- Member of the top 32% of coders on LeetCode. (ID: [23501a4434](#))
- Achieved a 5 ★ Problem Solving Badge in Hackerrank. (ID: [23501a4434](#))

Extra-Curricular Activities

- 1st Place - General Quiz (Cultural Meet 2025)
- 1st Place - Business Quiz (Buzz Quiz 2025)
- 1st Place - Consumer Day Quiz (2024)
- 2nd Place - India Quiz (Quiz Week 2025)
- 2nd Place - Science Quiz (Quiz Week 2024)
- 2nd Place - General Quiz (SITAR 2K24)

Co-Curricular Activities

- Organized multiple workshops and served as quiz master for multiple quiz events as a Student Council Member