

Siddeshuni Nandini

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Education

SR University

Bachelor of Technology in Computer Science and Engineering

November 2022 – April 2026

- GPA: 8.1/10.0
- Coursework: Web Development, Machine Learning, Data Structures, Design and Analysis of Algorithms, OOP, OS, Computer Networks, Data Mining, C, Python

Technical Skills

Languages: C, Python, Java

Tools & Frameworks: Visual Studio

Web Programming: HTML, CSS, JavaScript

Databases: SQL, MySQL, PLSQL, MongoDB, PostgreSQL

Domain Knowledge: Machine Learning, Full Stack Development

Other Skills:

- Analyzing and visualizing data using Pandas, Matplotlib, and Seaborn
- Automating workflows to reduce manual effort

Experience

Crop Yield Prediction ([GitHub](#))

July–Sep 2024

- Collected and integrated climatic, soil, and crop data into a comprehensive dataset of over 10,000 records, improving crop yield prediction and supporting a 10% boost in resource allocation efficiency.
- Streamlined data preprocessing workflows to enhance data quality and increased machine learning model accuracy by 15%.

Strengths

Analytical and Research-Focused

Solved complex problems using a structured approach, demonstrated in ML projects like Crop Yield Prediction and Spam Email Classification.

Projects

Indian Language Community Chatbot ([Project](#))

November 2024

- Developed a multilingual chatbot using Python, supporting Telugu, Hindi, Tamil, Malayalam, and English for community Q&A.

Timetable – 2nd Year Students ([Project](#))

June 2024

- Created a dynamic timetable system that generates class schedules and detects conflicts automatically.Reduced manual scheduling effort and improved planning efficiency for faculty coordinators.

Chess Dataset Analysis ([Project](#))

September 2024

- Conducted exploratory analysis on 18,000+ chess matches using Pandas, Matplotlib, and Seaborn.Identified patterns in player performance, opening strategies, and move frequencies across rating levels.

Certifications

- MongoDB Basics for Students ([Verify](#))
- Walmart USA Advanced Software Engineering Virtual Experience Program ([Verify](#))
- Junior Cybersecurity Analyst ([Verify](#))
- Theory of Computation ([Verify](#))
- Introduction to Web Development ([Verify](#))
- Networking Basics ([Verify](#))