

# MADHULIKA ASOORI

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Hyderabad, Telangana

## OBJECTIVE

Fourth -year undergraduate student with a solid academic foundation and a strong passion for learning. Proficient in communication and teamwork, and eager to gain hands-on experience. Seeking opportunities to contribute to dynamic projects, apply theoretical knowledge in real-world scenarios, and embrace new challenges.

## EDUCATION

- B V Raju Institute of Technology (BVRIT), Narsapur**  
*B.Tech in Information Technology*  
Nov 2022 – June 2026  
Medak, India  
◦ GPA: 8.03 / 10.00
- Sri Chaitanya Junior Kalasala Telangana**  
*State Board of Intermediate Education*  
Graduated: August 2022  
Hyderabad, India  
◦ Score: 873
- Sri Chaitanya High School Telangana State**  
*Board of Secondary Education SSC*  
Graduated: June 2020  
Nizamabad, India  
◦ GPA: 9.5

## PROJECTS

### Stock Price Prediction

Mar 2024 – Jul 2024

- Tools: Python, Pandas, NumPy, Hyperparameter Tuning
- Developed a Python-based machine learning model to predict stock market trends with 96% accuracy.
- Implemented time series analysis and regression techniques to provide real-time, data-driven insights for investment strategies.
- Integrated robust preprocessing, feature engineering, and hyperparameter tuning to enhance model performance.

### Student Management System

- Tools: React.js, PostgreSQL, REST APIs, docker, Postman
- Developed modules for student attendance tracking and schedule management using React.js, Spring Boot, and PostgreSQL, adhering to SDLC principles.
- Ensured data accuracy and performance through optimized database queries and comprehensive testing practices.
- Performed API debugging, HTTP error resolution, and backend issue fixing using Postman and server logs.

## SKILLS

- Languages:** Java, Python, SQL
- Backend:** Spring Boot, REST API's, Microservices (Bascis)
- Database:** My SQL, PostgreSQL, MongoDB(Bascics)
- Web:** HTML, CSS, Tailwind CSS, JavaScript, React JS.
- Tools & Skills:** Git, GitHub, Docker, Postman, Data Structures & Algorithms (DSA), OOPs

## CERTIFICATIONS

- Completed Data Structures and Algorithms course at [Smart Interviews Smart Coder](#).
- Certified in C Programming, Python, and Java.
- Certified in Problem Solving Skills by Hackerrank.
- Received a participation certificate for the Summer of AI Internship Program at Swecha.