

# MAJJI PRADEEP KUMAR

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## Education:

Course	College	CGPA	Year
Computer Science Engineering	SRKR Engineering College	8.76	2024
Intermediate/MPC	Sri Chaitanya Junior College	10	2020
SSC/X	R.C.M.ST. Peters E.M School	9.7	2018

## Technical Skills:

- **Programming Languages:** C, Python, Java
- **Data Science Libraries** : NumPy, Pandas, Matplotlib
- **Web Technologies** : HTML, CSS, React Js, PHP, Flask, Spring Boot ,Express Js, Node Js
- **Databases** : MySQL
- **Testing** :Selenium in python.

## Experiences:

### Student Feedback Form ( JAVA FULL STACK ):

- Developed a web application at Henotics (06/2023 - 07/2023) using ReactJS, Spring Boot, and MySQL.
- Integrated RESTful APIs to ensure seamless data retrieval and storage, enhancing the efficiency of collecting and analyzing student feedback. Improved the feedback collection process by providing a user-friendly and interactive platform for students to provide their feedback, allowing for improvements in educational practices.

### Health Care Management ( FULL STACK ):

- Designed website at IBM (09/2022 - 11/2022) for online appointment for doctors and blood donation management.
- Utilized HTML, CSS, JavaScript, PHP, and MySQL to create a user-friendly platform that facilitated seamless interactions between patients, doctors, and blood donors.

### Loan Risk Prediction ( MACHINE-LEARNING ):

- Implemented Random Forest, XGBoost, and Decision Trees ML algorithms at Henotics Company. Considering factors like salary, experience and credit rating, the model achieved 79.5% accuracy.

## Projects:

### Lab Maintenance ( FULL STACK ):

- Developed an efficient lab maintenance system for the university software lab, focusing on enhancing equipment reliability and improving the student experience.
- Implemented HTML/CSS, JavaScript, PHP, and MySQL to create a comprehensive solution that facilitates lab management tasks, including exam preparations, system maintenance, and component replacement, resulting in a well-maintained and functional lab environment.

### Air pollution Prediction ( PYTHON FULL STACK ) :

- Developed a user-friendly interface using HTML, CSS, and Flask to predict the Air Quality Index in our surroundings, leveraging Random Forest, a Machine Learning algorithm, with an accuracy of 90% for accurate air pollution predictions.

## Certifications and Co-curriculum Activities:

- Achieved a Silver badge in DATA STRUCTURES USING PYTHON through NPTEL after successfully completing a certification course, showcasing proficiency in Python-based data structures.
- Attained a Gold badge in PROGRAMMING IN JAVA through NPTEL after successfully completing a certification course, demonstrating expertise in Java programming.
- Took part in the IBM Hack Challenge 2022, Showcasing problem solving abilities and collaborative team work and developed a python full stack application AIR POLLUTION PREDICTION.