

Hemalatha Maramreddy

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EDUCATION

Vellore Institute Of Technology, <i>Andhra Pradesh</i>	2022-present
<i>BTech in Computer Science</i>	
Sri Chaitnya Junior College, <i>Andhra Pradesh</i>	2020-2022
<i>SSC XII, MPC</i>	
Sri Kondaveedu Public School, <i>Andhra Pradesh</i>	2020
<i>SSC X</i>	

SKILLSAND INTERESTS

Tech Stack: Python, Java, DSA, HTML, R, SQL

Software: Git, GitHub, Cisco, Matlab

Familiar: CSS, JavaScript, RDBMS,

Non-Tech Stack: Highly Disciplined, Self-motivated,

Soft Skills: Leadership, Event Management, Writing, Public Speaking, Time Management

Languages: English, Hindi, Telugu, French

PUBLICATIONS

Predicting Career Success: A Data Mining Perspective| Accepted for publication in [ICAKMPET-2025 Conference], [November, 2025]. Co-authored with [Ramya Sri, Kavanjali, Nitya].

- Placement Prediction System: The system incorporates various machine learning models (like Logistic Regression, SVMs, Decision Trees, etc.) to determine the probabilities of the students to be placed based on their academic performance, skill sets, and background.
- My contribution: I have contributed the abstract, introduction, Literature Review and Methodologies towards the paper work.

PROJECTS

- Predicting Career Success: A Data Mining Perspective| Accepted for publication in [ICAKMPET-2025 Conference], [November, 2025].
 - ✓ The Graphical User Interface was built using Python, Tkinter; mined data using Pandas, Numpy,EDA and built the model using ML.
 - ✓ Overview: Developed a machine learning-based Placement Prediction System to forecast student placement outcomes based on their performance records, skills, and background.
 - ✓ My contribution: Improved accuracy of the model to 81.67% by analysing and balancing the dataset.

- Driver Drowsiness Detecting System | Arduino, Java December 2023
 - ✓ Detects whether the driver is drowsy or not based on the eye opening ratio and position of the head, also checks whether he is drunk or not and alert the driver accordingly with alarm ring.
- Car Rental System | Java, JavaFX, DBMS June 2023
 - ✓ A Java project for the purpose of maintaining the details of the cars, the customers, the payment details and the rental details between cars and the customers.
 - ✓ A user interface was created for the users to register/login, to book the cars, to make payment etc.

POSITION OF RESPONSIBILITY

- CSI chapter | Member of the Leading Technical club August 2024 – Present
 - ✓ Involved in increasing society's social media reach with posters and graphics made by me and my team the content thus produced Planned, manage and handle the events.
- Rotaract Club | Member of the leading sponsored service club
 - ✓ Participated in many events and organised some of them and involved in promoting among the public and served the people on behalf of this club.

CERTIFICATIONS

- Calculus for Machine Learning and Data Science, certified by Coursera
- Linear Algebra for Machine Learning and Data Science, certified by Coursera
- Introduction to Machine Learning, certified by CSI Chapter VITAP.
- Introduction to Web Development, certified by CSI Chapter, SPM group VITAP.
- Common Internship Test, certified by Internship Studio, Certificate Number: CIT-P-496511.
- Matlab – Mathworks, certified by Matlab Onramp.
- Awardee of Kotak Kanya Scholarship and member of KEF,
- Web Development Bootcamp, certified by Geeksfor Geeks