

# Mohan Varma Bh

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## Profile

A results-driven student with a demonstrative track record of high achievement, showcasing hands-on experience in executing projects within data analysis and Python domains. Renowned for possessing strong team, relationship, collaborative, and leadership skills, alongside adaptability in navigating diverse challenges and environments. Eager to further enhance skill set and problem-solving prowess through continuous learning and development.

## Education

<b>B.Tech in Electrical and Computer Engineering</b>	8.47/10.0
Amrita Vishwa Vidhyapeetham. Amritapuri, Kerala	2021-2025
<b>Telangana Board of Intermediate Education</b>	95.4%
Narayana Junior College, Hyderabad	2019-2021
<b>Indian Certificate of Secondary Education</b>	81%
Ramadevi Public School, Hyderabad	2018-2019

## Projects

### Tic-Tac-Toe

Html, Css, Java Script

Present

Created a clean and visually appealing user interface using HTML and CSS Implemented game logic in JavaScript, including turn-based gameplay and win condition checks Utilized DOM manipulation to dynamically update the game board and display game status Incorporated responsive design principles for optimal display across various device sizes Implemented game reset and new game functionality for seamless user experience

### Solar Power Prediction

Machine Learning, Python, Pandas

December 2023

Navigated the complexities of developing a machine learning model for solar power prediction, addressing challenges in data gathering, preprocessing, and algorithm selection to ensure precise forecasts. Seamlessly integrated data collection, preprocessing techniques, and the deployment of Random Forest, Decision tree and Linear Regression algorithms. Accomplished the primary goal of producing accurate solar power forecasts, with Random Forest emerging as the superior performer over Linear Regression and decision tree.

## Technical Skills

- **Programming Languages:** Python, C, SQL, Matlab.
- **Web Development:** Html, CSS, JavaScript.

## Additional Courses Undertaken

- Data Structures and Algorithms from GeeksForGeeks Present
- Matlab & Simulink Onramp from MathWorks March 2024
- SQL Intermediate Certification from Solo Learn December 2023
- Project Management from Forage October 2023
- Data Analytics Certification from Udemy April 2023

## Extra Curricular

- Conducted Mental Health Awareness Program for High School Students.
- Served as a dedicated team member and participated in various levels of football tournaments.