

# NARASIMHA TAKKASILA

7013807482 ♦ Kurnool, Andhra Pradesh

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## EDUCATION

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**B.Tech Computer Science**, Vellore Institute of Technology, Andhra Pradesh, India 2022 - present

CGPA: 9.11

**Intermediate**, Narayana Junior College, Kurnool, Andhra Pradesh, India 2020 - 2022

Percentage: 92.1%

**Class X**, Montessori High School, Kurnool, Andhra Pradesh, India 2019 - 2020

CGPA: 10.00

## SKILLS

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**Languages & Technologies** Java, Python, MERN, MySQL

**Technical Skills** Object-Oriented Programming (OOP), SQL, Data Structures, Machine Learning

**Languages** English (Proficient), Telugu (Proficient), Hindi (Intermediate)

## PROJECTS

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### WITH YOU - A Doctor Appointment Booking Site Using MERN Stack

- Engineered a web application for doctor appointment bookings using the MERN stack; integrated user-friendly interfaces with React JS and backend with Node JS, Express JS, and MongoDB. Incorporated real-time booking updates, and ensured system reliability to improve overall user experience and performance.

### Language Learning Site Using MERN Stack

- Engineered a web application for language education using the MERN stack; implemented secure user authentication, and flexible progress tracking to enhance the learning experience. Integrated intuitive UI with React JS and backend with Node JS, Express JS, and MongoDB.
- Collaborated with a team of 4 developers, utilizing React JS, HTML, CSS, and Bootstrap for building responsive interfaces, and implemented efficient backend logic and database management to ensure seamless user interaction and system reliability.

### Weather Prediction Using Machine Learning Models

- Built accurate ML models for weather prediction using Random Forest, XGBoost, Decision Tree Classifier and ensemble regressors like Voting and Stacking, achieving good accuracy score.
- Designed a full preprocessing pipeline with imputation, outlier handling, and scaling. Applied feature selection and model comparison across key weather attributes (temperature, humidity, rainfall), improving interpretability and performance.

### Mini- Project on UBOX-Movie Ticket Booking

- Built a ticket booking application with Java using OOPS concepts.
- Structured the code to simulate real-world entities and workflows through classes and objects, with output displayed via the compiler console.

## CERTIFICATIONS

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- MERN Full Stack Certificate (Ethnus)
- Python Foundation Certification (Infosys Springboard)
- Java Masterclass: The Complete Guide (Udemy)

## ACHIEVEMENTS

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- Ranked in the top 3% in state-level competitive exams including AP EAMCET, TS EAMCET, and COMEDK.
- Designed and executed a mentorship program for junior designers, pairing them with experienced team members, which resulted in a significant improvement in skill levels and a 20% increase in project contributions.