

Ram Karthik Voolla

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SKILLS

Programming Languages: JavaScript, Python

Front-End Frameworks: HTML, CSS, Bootstrap, React.js

Back-End Technologies: MongoDB, Node.js

Tools & Libraries: Jupyter Notebook, Postman, Git, Visual Studio Code, REST APIs

INTERNSHIPS

- **Chip Electronics** [Link](#) July 2023
Assisted in developing machine learning models using Python, focusing on data preprocessing, model training, and improving accuracy through hyperparameter tuning
- **AI-ML-DS (International Institute of Digital Technologies)** [Link](#) July 2024
Developed an IPL Winner Prediction web application using Machine Learning, Python including tasks in Exploratory Data Analysis and model training.

PROJECTS

- **E-Shop (Ecommerce website)** : [Link](#) July 2024
 - Developed a full-stack E-commerce website using React for the frontend and Node.js/Express.js for the backend.
 - Integrated RESTful APIs to handle user authentication, product listing, and payment processing
 - Utilized MongoDB as the database for user data, product catalogs, and order management

Technologies used: HTML, CSS, Bootstrap, JavaScript.
- **IPL Winner Predictor Website** [Link](#) May - July 2024
 - Developed a web-based IPL Match Winner Predictor using Machine Learning models.

Technologies used: HTML, CSS, Python.

CERTIFICATIONS

- **Artificial Intelligence and Machine Learning** - IITD Blackbucks July 2024
- **Introduction to Internet of things (IOT)** - National Programme on Technology Enhanced Learning (NPTEL) April 2024

EDUCATION

Bachelor of Technology (B.Tech) in Electronics and Communication Engineering 2021 - Present
Dhanekula Institute of Engineering and Technology, Vijayawada, Andhra Pradesh
CGPA: 7.14

Intermediate Education 2019 - 2021
Sri Chaitanya Junior College, Vishakhapatnam, Andhra Pradesh
Percentage: 71%

Kesava Reddy School, Srikakulam, Andhra Pradesh 2019
Percentage: 93%

ACTIVITIES

- Volunteer and coordinator for **NSS (National Service Scheme)**
- Active Member of the **Institution of Electronics and Telecommunication Engineers(IETE)**