

# KOTHAPALLY KARTIKEYA

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## INTRODUCTION:

Qualified Machine Learning Engineer and Web Developer. Adept with big data storage, processing and computation. Experienced collaborating with cross-function, teams to deliver cutting-edge solutions. Highly-motivated employee with desire to take on new challenges. Strong work ethic, adaptability, and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

## EDUCATION

### Bachelor of Technology in Computer Science Engineering

Vellore Institute of Technology, Amaravathi, Andhra Pradesh  
Expected Graduation: May 2026 | Current CGPA: 8.83

### Higher Secondary Education (12th Grade)

Fiitjee Junior College, Saifabad Hyderabad, Telangana  
Graduated: March 2022 | Percentage: 95%

### Secondary Education (10th Grade)

St Paul's High School, Hyderguda, Hyderabad, Telangana.  
Graduated: May 2020 | Percentage: 100%

## SKILLS

**Programming Languages:** Java, Python, JavaScript, Html.

- **Full Stack Web Development**
- **Research Paper Writing**
- **Well Versed In all Machine Learning, Deep Learning, Reinforcement Learning Algorithms**
- **Natural Language Processing**

**Soft Skills:** Communication, Teamwork, Problem-solving

**Languages:** English (Advanced) Telugu (Native) Hindi (Advanced) German (Intermediate).

## PROJECTS

- **House Cost Prediction**

Created a Machine Learning Model using Linear Regression and Logistic Algorithms.  
The model predicts the cost of house in a particular area by giving certain inputs like:  
Sq feet of house, Number of rooms, Area. The accuracy of model is 95%.

- **Smart Vehicle Parking System Using Raspberry Pi**

Worked with a team of 4 to develop a Smart Vehicle Parking System using Raspberry Pi.  
Integrated a display to show available parking slots at the entrance gate, reducing parking search time by 40%.

- **Rainfall And Crop Growth Prediction**

Created a Machine Learning Algorithm using Random Forest and Decision Tree Classifier to predict how much rainfall required for a particular crop growth based on previous 30 years trend. Also helps to know the rainfall density in that particular year with an accuracy of 89%.

- **Research Paper Analyzer**

A website where we can upload our research paper pdf, which generates initial summary, key insights, scientific terms and overall score of the paper. I used Flask for the backend process and HTML, CSS for the frontend.

## WORK EXPERIENCE

Intern At Intandemly Technologies Pvt Ltd, Hyderabad, India from 10/06/2024 to 10/07/2024

- Developed Machine Learning models and algorithms for predictive analytics
- Performed exploratory analysis to identify patterns in datasets
- Evaluated model performance by computing confusion matrix metrics such as precision and recall scores.

## CERTIFICATIONS

DEVOPS FUNDAMENTALS BY IBM (Received on 20/06/2025)

UDEMY MACHINE LEARNING A-Z (Received on 05/07/2024)

CISCO JAVASCRIPT ESSENTIALS (Received on 02/04/2024)

INTANDEMPLY CERTIFICATE OF INTERNSHIP (Received on 10/07/2024)

AWS CLOUD FOUNDATIONS AND ARCHITECTURE (Received on 09/12/2024).