

# MD USMAN

## Professional Summary

Aspiring software developer with hands-on experience in **Web Development**, **Java**, and **Python**, and a strong foundation in data structures and object-oriented programming. Skilled in building responsive web interfaces using **HTML**, **CSS**, and **JavaScript**, and developing efficient backend logic with Java and Python. Enthusiastic about problem-solving, learning new technologies, and applying technical knowledge to real-world projects. A proactive team player with a passion for creating reliable and scalable software solutions.

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 Palamaner, Chittoor, AP

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## Skills

Java  
Management  
Analytical Thinking  
Data Visualization

Communication  
Team Collaboration  
Problem Solving  
Time Management

Data Analysis  
Adaptability  
Emotional Intelligence  
Quick Learner

## Internships

### Cloud Gen AI Virtual Internship

EduSkills-Remote

07/2025-09/2025

- Completed a Cloud Generative AI Virtual Internship, gaining practical exposure to cloud and AI technologies
- Learned how **Generative AI works** and how it is used in real-world applications
- Practiced basic prompt engineering to interact effectively with AI models
- Explored **cloud platforms** and understood how AI solutions are deployed at scale
- Worked on industry-inspired problem scenarios to apply learning practically
- Developed an understanding of ethical and responsible use of AI

### DataScience Master Virtual Internship

EduSkills-Remote

04/2025-06/2025

- Completed a **Data Science Master Virtual Internship** offered by AICTE in collaboration with EduSkills and Altair
- Gained practical understanding of data analysis, data cleaning, and preprocessing techniques
- Worked with **Python** for handling datasets and performing basic data operations
- Learned core concepts of statistics and exploratory data analysis (EDA)
- Applied machine learning fundamentals to solve data-driven problems
- Analyzed real-world datasets to identify patterns and extract meaningful insights

## Projects and Workshop

**Project Title:** “Library Management System”

**Technologies Used:** Java

**Core Features Implemented:**

- User/Admin Authentication
- Book inventory management (add, update, search, delete)
- Member registration and account management
- Book issue and return operations
- Due date tracking and fine calculation
- Search functionality for books/users

**Project Title:** "Smart Railway Gate Using Arduino Uno"

**Technologies Used:** IoT

**Core Features Implemented:**

- Developed a Smart Railway Gate System using Arduino, ultrasonic sensors, and servo motors
- Automated train detection and gate operation to improve crossing safety
- Implemented real-time distance sensing for reliable and efficient control

**Education**

**Bachelor of Technology-Artificial Intelligence & Data Science**

Mother Theresa Institute of Engineering and Technology, Palamaner, India

**Expected Graduation:** May 2027 | **CGPA:** 84%

**Intermediate- MPC (Math's, Physics, Chemistry)**

Mother Theresa Junior College (Co-Ed), Palamaner, India

**Completed:** April 2023 | **Percentage:** 90%

**Secondary School Certificate (SSC)**

Universal High School, Palamaner, Chittoor Dist., India

**Completed:** August 2021 | **Percentage:** 95%

**Certifications**

- **NPTEL Certificate-** *Introduction to Industry 4.0 and Industrial Internet of Things*, Jul-Oct 2025
- **Deloitte Certificate-** *Data Analytics Job Simulation*, Nov 2025
- **AI Workplace Proficiency Certificate-** *Levelling Up with AI workplace*, Oct 2025
- **Paper Presentation-** AITHERONML-2K25, Kuppam Engineering College, Aug 2025
- **Article Presentation-** PEN TO PODIUM, Madanapalli Institute of Engineering And Technology, Sep 2025
- **Research Paper Presentation-CRATE-2025**, Feb 2025
- **Cloud Gen AI Virtual Internship-** AICTE & EduSkills, Jul 2025-Sep 2025
- **Blockchain Development Certificate-** *Blockchain Development Bootcamp from 0xAcademy*, July 2025
- **DataScience Master Virtual Internship-** AICTE & EduSkills, Jul 2024-Sep 2024
- **Career Development 3x: Problem Solving and Critical Thinking Skills-** FullbridgeX(edx), Apr 2024
- **Edunet-SkillsBuild Orientation-** IBM SkillsBuild, Dec 2024

**Publications**

**Title:** Sustainable Agriculture With Precision agriculture Technologies

**Presented at:** PEN TO PODIUM article presentation at Madanapalli Institute of Engineering And Technology, Sep, 2025

**Publisher:** Academic Decipher, Mumbai

**Publishing Date:** May, 2026

**Title:** Predictive Analysis with Artificial Intelligence and Machine Learning: Boosting Customer Engagement and Return on Investment

**Presented at:** 5<sup>th</sup> National Conference on Recent Advances in Technology & Engineering (**CRATE-2025**)

**Publisher:** Paramount Publishing House, Hyderabad

**ISBN:** 978-93-48512-15-4

**Date:** February 2025

## **Languages**

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English(Fluent)

Telugu(Fluent)

Hindi(Fluent)

Urdu(Fluent)