

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

in [linkedin.com/in/md-usman-a806162a5](https://www.linkedin.com/in/md-usman-a806162a5)

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 Institue 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: 5th 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

English(Fluent)

Telugu(Fluent)

Hindi(Fluent)

Urdu(Fluent)