

# CHARAN YELIMELA

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## EDUCATION

**Institute of Aeronautical Engineering**  
Bachelor of Technology  
Computer Science and Information Technology.  
GPA: 7.95

Telangana, India

**Nov 2022 - May 2026**

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## SKILLS SUMMARY

- **Languages:** Python, SQL
- **Frameworks:** Pandas, NumPy, Machine Learning
- **Tools:** Excel, PowerPoint, MySQL,
- **Soft Skills:** Problem-Solving, Analytical Thinking, Communication, Teamwork, Adaptability

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## INTERNSHIP

**Attendance Face Management System | AICTE**

**November 24- December 24**

Link: <https://github.com/charanYelimela334/Attendance-Management-System-using-Face-Recognition.git>

**Languages and Tools: Python, OpenCV, Tkinter, Machine Learning**

- **Project Description:** Developed an AI-powered attendance system using Python and OpenCV, integrating machine learning models for accurate facial recognition. Optimized system performance to achieve 95% accuracy, handling varied lighting conditions and facial angles.
- The system provides users with a straightforward method to export attendance records into CSV files for analysis purposes.
- The technical components of this project include Python together with OpenCV and Haarcascade and NumPy and Pandas and Pillow and Tkinter and MySQL.

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## PROJECTS

**Fake News Detection using Machine Learning | [GitHub](#)**

**June 2024- July 2024**

- This project addresses the challenges of traditional attendance systems by incorporating Face Recognition Technology, Machine Learning Algorithms, and Database Integration to ensure accuracy, reliability, and user-friendliness.
- Collected and preprocessed a dataset of labeled news articles from various sources (real and fake) for training and testing.
- Achieved **accuracy** of over **90%** in detecting fake news articles with the best-performing model

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## CERTIFICATES

**Python Essentials 1 (Cisco) | [CERTIFICATE](#)**

**March 2024**

- Achieved the Student Level Credentials Have the Knowledge of Computer Programming.
- Solved coding challenges to showcase problem-solving and logical thinking skills

**Data Analytics and Visualization Job Simulation (Accenture) | [CERTIFICATE](#)**

**May 2024**

- As a part of Job Simulation, I Enacted as a Data Analyst at Accenture I needed to provide advice to a simulated social media client through the simulation.
- I created two presentation methods which included a PowerPoint presentation and video presentation to deliver essential findings to both client stakeholders and internal company stakeholders.

**Microsoft Excel (Udemy) | [CERTIFICATE](#)**

**August 2024**

- Understanding of essential Excel functions.
- Developed skills in statistical analysis, pivot tables, and data summarization to derive meaningful insights.

**SQL complete Bootcamp (Udemy) | [CERTIFICATE](#)**

**September 2023**

- Learnt How to work with MySQL Commands and how data is stored, modified in SQL.
- Learnt Complete Knowledge on all database objects of SQL

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## ACHIEVEMENTS

### METE EXPO

- Secured 3rd position in METE EXPO and won a ₹500 cash prize.

### Compendium The Magazine Club of IARE

- Worked as a Marketing Team Member for a Compendium Club event, successfully increasing registration numbers by 100% through excellent soft skills and communication abilities.