

# Mahendra Reddy Mandireddy

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## Professional Summary

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Aspiring and enthusiastic Computer Science graduate specialized in Artificial Intelligence and Machine Learning. Skilled in **Python, Django, JavaScript, and full-stack web development**, with hands-on experience in **scalable backend systems, APIs, computer vision, and data analysis**. Strong foundation in **data structures, algorithms, and system design**, with a passion for solving complex problems and contributing to innovative solutions at global tech companies.

## Education

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<b>Universal College of Engineering and Technology</b> , Andhra Pradesh B.Tech in CSE (AI & ML), CGPA: 7.16	2021 – 2025
<b>Oxford Junior College</b> , Andhra Pradesh Intermediate (MPC), CGPA: 6.4	2019 – 2021
<b>Swami School</b> , Andhra Pradesh SSC, CGPA: 8.7	2018 – 2019

## Technical Skills

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**Languages:** Python, JavaScript, Data Structures, NumPy, Pandas, Machine Learning, NLP, ETL, HTML, CSS  
**Frameworks/Libraries:** Django, TensorFlow, OpenCV, NumPy, Pandas, Scikit-learn  
**Databases:** MySQL, SQLite  
**Tools & Platforms:** Git, GitHub, Power BI, SQL Workbench, GCP, Lovable, Claude, GPT 5, Rork ai, Google LMs, Jupyter Notebook, VS Code  
**Areas:** Web Development, Computer Vision, Data Analysis  
**AI Tools & Platforms:** ChatGPT, Gemini AI, Jasper AI, Bard, GitHub Copilot, Replit AI, Canva AI, Runway ML  
**Visualization Tools:** Matplotlib, Seaborn

## Projects

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### SocialSphere – Django-based Social Media Platform GitHub

- Built a secure, scalable Django app with post creation, auth, and real-time messaging.
- Focused on data security, modular backend design, and responsive UI.

### Bone Fracture Detection with MobileNet + Random Forest GitHub

- Designed X-ray classifier using MobileNet and Random Forest for accurate diagnosis.
- Applied data preprocessing and tuning with TensorFlow & OpenCV.

## Work Experience

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**Python Intern** – ALGONEX IT Solutions, Bengaluru, India June 2025 – Present

- Gained experience in Python and SQL for data analysis and automation tasks.
- Wrote clean, logical Python code using core programming concepts.
- Executed SQL queries for data extraction and management from relational databases.
- Built mini-projects integrating Python and databases for real-world applications.
- Improved coding logic and efficiency in independent problem solving.

## Certifications

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|---------------------------------------|--------------------------------------|
| • Python Essentials 1 – Cisco         | • Power BI – OfficeMaster            |
| • Networking Basics – Cisco           | • Data Science & Analytics – HP LIFE |
| • Machine Learning – Elite Technology | • AI for Beginners – HP LIFE         |
| • Python 101 for Data Science – IBM   | • AI Tools Workshop – BE10X          |

## Interest Areas

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Web Development, Computer Vision, AI Tools, Data Analytics, Real-World Problem Solving