# Mahendra Gaddam

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# Career Objective

Motivated Computer Science Engineer with strong problem-solving and programming skills, eager to contribute to innovative projects, embrace emerging technologies, and grow with dynamic organizations.

#### Education

SR University, Warangal Aug 2023 – Jun 2026

B.Tech in Computer Science

Government Polytechnic, Warangal

Diploma in Computer Science

Nov 2020 – May 2023

CGPA: 9.74/10.0

Diploma in Computer Science St. Joseph Convent High School, Warangal

St. Joseph Convent High School, Warangal
Secondary Education (SSC)
CGPA: 10.0/10.0

## Experience

#### Full Stack Web Development Intern (Virtual) — A.N.D Intern

Jun 2024 – Aug 2024

CGPA: 9.28/10.0

- Built web applications including portfolio, form validation, Amazon landing page, and weather API integration.
- Strengthened HTML, CSS, and JavaScript fundamentals through project-based learning.
- Practiced version control and collaborative workflows with GitHub.

#### AI & ML Intern (Virtual) — Gustovalley Technovations

Apr 2024 – May 2024

- Explored supervised learning concepts, dataset preprocessing, and Python libraries (NumPy, Pandas).
- Applied dataset handling and model experimentation to build ML prototypes.
- Understood real-world AI/ML applications through guided projects.

#### Trainee (Python & ASP.NET) — Softwayz IT Solutions

Dec 2022 – May 2023

- Practiced Python programming fundamentals with hands-on coding tasks.
- Gained exposure to ASP.NET and SQL integration concepts in a structured training environment.
- Strengthened problem-solving ability and foundational software development skills.

## **Projects**

## Movie Ticket Booking Interface — HTML, CSS, JavaScript

- Built an interactive booking interface with dynamic seat selection and mock payment UI, improving booking simulation efficiency by 30%.
- Applied responsive design and validation techniques, reducing booking errors by 20%.

#### Sign Language Recognition — Python, TensorFlow, OpenCV

- Designed a CNN-based model to recognize common sign gestures with 85% accuracy on a test set of 1,000+ images.
- Applied preprocessing and augmentation to reduce false predictions by 15%.
- Built a real-time detection pipeline using OpenCV, simulating human–computer interaction scenarios.

## Online Invoice Generation System — Java, JSP, Servlets, MySQL

- Developed a full-stack invoicing system supporting multi-user roles, product/customer management, and PDF invoice downloads.
- Integrated MySQL with JSP/Servlets to handle 1,000+ records efficiently and enable secure logins with dashboards.
- Enhanced UI/UX with streamlined navigation and validation, improving usability by 25% in test runs.

## Technical Skills

Languages: C, Python, Java, C++, C#, SQL

Web Development: HTML, CSS, JavaScript, PHP, AngularJS

Databases: MySQL, PL/SQL, MongoDB

AI/ML: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, CNN, NLTK Tools/Platforms: AWS, Git, GitHub, Linux, Google Colab, VS Code

## Soft Skills

Problem-Solving, Team Collaboration, Leadership, Critical Thinking, Adaptability, Time Management, Creativity

## Languages

English (Fluent), Hindi (Fluent), Telugu (Native), Spanish (Beginner)

#### Certifications & Courses

Theory of Computation – NPTEL

Cloud Virtual Internship – AWS (AICTE-Eduskills)

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Data Structures and Algorithms – UC San Diego (Coursera)

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