Sai Manikanta Adimulam

Dedicated B.Tech Mechanical Engineering graduate with a CGPA of 7.79 and a strong foundation in software development, including skills in Python, HTML, CSS, Django, and SQL. Seeking to leverage technical expertise and analytical skills in a dynamic role, aiming to contribute to innovative projects while advancing my proficiency in full-stack development.

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📍 Madhira, Khammam, India

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📱 9100722375

📅 28 May, 2003

EDUCATION

Bachelor of Technology-Mechanical Engineering
Kakatiya University College Of Engineering And Technology

09/2020 - 05/2024   *CGPA-7.79*

INTERMEDIATE - MPC
Sri Chaitanya Junior College, Khammam

06/2018 - 06/2020   *MARKS-947*

SSC
Narayana Best Foundation School

06/2017 - 04/2018   *GPA-8.8*

WORK EXPERIENCE

Python Developer
Ramanasoft

06/2024 - 11/2024   *Hyderabad*

Achievements/Tasks

- **Developed responsive web applications** using Python (Django) for back-end and HTML, CSS, JavaScript for front-end, ensuring seamless user experience across devices.
- **Built and integrated RESTful APIs** to streamline data flow between the front and back ends, improving application performance by 20%.
- **Optimized database queries** with SQL/NoSQL, reducing load times by up to 30% and enhancing overall application performance.

Full Stack Development Intern
Cognifyz

04/2024 - 05/2024

Achievements/Tasks

- Collaborated on end-to-end web applications by developing dynamic back-end services
- Enhanced application performance and scalability by optimizing database queries and implementing caching strategies, resulting in up to 25% faster response times.

SKILLS

`Programming Language: Python`   `Database: SQL`

`Web Frameworks: Django`

`Web Development: HTML,CSS,`

`Project management Tools: SDLc, Azile`

`Communication Skills`

PROJECTS

Development Of 3D printed Robotic Hand (2024)

- Developed a 3D-printed robotic hand using **Fused Deposition Modeling (FDM)** to create a functional prototype capable of mimicking human hand movements for potential use in prosthetics or robotic applications.
- I Integrated servo motors and sensors to enable precise finger control, facilitating responsive, natural hand movements.

LIVE EVENT DETECTION FOR PEOPLE SAFETY

- Detects real-time events to ensure people's safety using NLP and deep learning.
- Analyzes data from sources like social media, news, and surveillance systems.
- Identifies safety threats and provides instant alerts for timely interventions.
- Enhances the accuracy and responsiveness of safety measures during critical events.

CERTIFICATES

Full Stack Development Intern (04/2024 - 05/2024)

Python Developer intern (06/2024 - 11/2024)

LANGUAGES

English
Professional Working Proficiency

Telugu
Full Professional Proficiency

Hindi
Limited Working Proficiency

INTERESTS

`Participating in Hackathons`   `Exploring new places`

`App Development`