NAGAJAIDEEP CHOWDARY

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EDUCATION

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY   2023-2027
B.Tech CSE(AIML)   **CGPA-9.1**
Relevant Coursework: Data Structures Algorithms, Computer Organization, Azure Cloud, OOPS.

NARAYANA JUNIOR COLLEGE   2021-2023
Percentage:-90.1%

SKILLS

- **Programming & Frameworks**: Java, Python, JavaScript, C, SQL, React.js, Node.js, Express.js,OpenCV
- **Tools & Platforms**: Azure, Firebase, Git, GitHub, Postman.
- **Technologies & Concepts**: Web Development,SDLC,API Integration, Git & GitHub.

EXPERIENCE

Project Intern   May 2024 - July 2024
Microsoft   *Remote*

- **Achieved 30% growth** in user engagement and satisfaction for a COVID-19 website using AI, Cognitive Services, and **Microsoft Azure Bot Framework**.
- Led the implementation of an **AI-powered chatbot**, resulting in a **25% improvement in response times** and a **15% enhancement in platform performance**.
- Developed solutions for a virtual AI internship platform that streamlined user experience and functionality using **Microsoft Azure** and GitHub tools.

PROJECTS

CovidHealthTech:(github) & (Live) Techstack:-HTML,CSS,JS,AZURE

- **Built an AI-powered HealthBot** using Azure AI tools, achieving over **90% accuracy** in COVID-19 predictions.
- **Created an intuitive and responsive web platform** with frontend ensuring seamless user experience.
- **Streamlined COVID-19 data aggregation** from trusted government and news sources, delivering clear and actionable insights to the public.

Gesture Presentation:(github) Techstack:-Python,Numpy,OpenCv,MediaPipe

- Developed a Python-based laptop control system using hand gestures, **achieving 96% accuracy** with Mediapipe for gesture detection.
- **Integrated OpenCV for real-time video capture** and **PyAutoGUI** for automated keyboard operations, enhancing system usability.
- Designed the solution to improve accessibility for users with limited mobility, demonstrating practical applications of **computer vision and AI.**

ACHIEVEMENTS

- **3rd Place – Internal Hackathon**: Developed an innovative Gesture Presentation System using hand gestures for controlling slides, enhancing accessibility and user engagement during presentations.
- **Winner – NASA Space Settlement Contest**: Awarded for exceptional innovation in conceptualizing a sustainable space settlement, recognized by the National Space Society in 10th grade.
- **5 PRs Merged in GirlScript Summer of Code**: Successfully contributed to open-source blockchain projects as part of the program.
- **Secured Full Tuition Fee Waiver**: Awarded by the Telangana State Government for achieving a top rank of **9000 out of 120,000+** candidates in TS EAMCET.

CERTIFICATIONS

- Gen-AI Course – Kaggle
- **Python** – Kaggle
- Mindlusture-Python Fundamental
- Postman API Fundamentals
- **J.P. Morgan** – Software Engineering Job Simulation
- TCS iON Career Edge Young Professional