Gogineni Deekshit Chowdary

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Professional Summary

Versatile and detail-oriented Web Developer & Data Science enthusiast with a strong academic background in Computer Science. Proficient in front-end and back-end web technologies (HTML, CSS, JavaScript, Python, Java) and experienced with data analysis tools like SQL, Pandas, and NumPy. Skilled in building responsive, user-friendly web applications and deriving insights from data to support decision-making. Adept at working in collaborative environments and eager to contribute to innovative, real-world projects in top-tier MNCs.

Education

Gandhi Institute of Technology and Management   **2022 - Present**
B-tech in CSE **|** CGPA: 7.5   Visakhapatnam, Andhra Pradesh

Sri Chaitanya Junior College   **2020 - 2022**
Intermediate (MPC) **|** Percentage: 89%   Visakhapatnam, Andhra Pradesh

Vignan Steel City Public School   **2020**
CBSE **|** Percentage: 79%   Visakhapatnam, Andhra Pradesh

Projects

1.
Machine Predictive Maintenance | Python, Machine Learning | GitHub Link

- Engineered a machine learning-based predictive maintenance system using Python to forecast potential equipment failures in industrial settings.
- Applied rigorous data preprocessing techniques and performed feature engineering on large-scale industrial sensor data to prepare it for model training.
- Demonstrated the potential to reduce unplanned downtime by **30%** through optimized preventive maintenance scheduling based on model's predictions.
- Utilized Streamlit to create an interactive web application for visualizing predictions and providing insights to stakeholders.
- **Skills: Scikit-learn, Pandas, NumPy, Streamlit, Feature Engineering**

2.Ai & ML based real time sign converter using machine learning | Git hub link

- Built a comprehensive **sign language converter with converts the signs into text**
- Designed and trained with various signs to achieve accuracy.
- **Skills and Tools Used:** open CV, python, media pipe

3.QUIZ GAME SOLVER using Python | Github link

- Developed a real time quiz game for enhancing the IQ of the gamers
- The game has various levels, the level of questions increases

4. Patent on AI & ML-enabled sign language translation using Python

Applied for the national patent , for project ai&ml converter which helps deaf and dumb people to access real time communication through audio calls.

5. Bus Service Application System | *Web Development Project* |*Github link*

- Developed a responsive web-based application to manage and streamline bus transportation services for passengers and conductors.

- Implemented multi-user login functionality with dedicated interfaces for passengers and conductors.
- Designed a clean and user-friendly UI using HTML, CSS, and JavaScript to provide seamless navigation and interaction.
- Enabled users to access relevant services like login, signup, and route information efficiently.
- Focused on improving user experience through intuitive design and client-side logic using DOM scripting

Skills

- **Programming Languages:** Python, C ,web technologies -html,css,js ,react js
- **Concepts:** Data analysis Machine Learning, web development and DSA • **Soft skills**: Active listening, Critical thinking and Analytical skills

Certifications

- **Python for data science, AI &development by IBM (Coursera)-..IBM certificate**
- **Data science with Python Internship –** EI Systems Services
- **Research paper –** sign language converter (submitted to editions)
- **C programing language-**Coursera

Extra-Curricular Activities

- **GMUN DEBATE**

  DELEGATE- Participated as a member of board representing France on debate of big data and its future • **Shore (2022&2023)**

  Operations & security member- Planned the whole event flow of 3 days and invited renowned guests.

  Organized and advertised 10+ competitive events with 300+ participants interluding more than 10 universities.
- **Smart India Hackathon**

  MEMBER-Participated in National Wide hackathon and selected for Round 2.
- GUSAC Member (STUDENT Club): organizing committee for the technical events in club