Mudu Ganesh

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GitHub: github.com/Ganesh672-Sai |
Portfolio: portfolio-mudu-ganeshs-projects.vercel.app

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology	**CGPA: 7.95/10.0**
Bachelor of Technology in Computer Science and Engineering-Data Science	*2023-2026*
Narayana College	**CGPA: 9.68/10**
State Board of Technical Education and Training Telangana	*2020-2023*
Narayana High School	**CGPA: 10.0/10.0**
Telangana State Board of Secondary Education	*2019-2020*

COURSEWORK / SKILLS

Languages: Python, R, C, C++, Java, SQL.
Coursework: OOP, DBMS, OS, Data Structures, Computer Networks, Machine Learning .
Frameworks and Web Technologies: HTML, CSS, JavaScript, React, Node js.
Developer Tools: Git, GitHub, Eclipse, Visual Studio Code , Microsoft Excel.
Data Visualization: PowerBi, Tableau.
Soft Skills: Leadership, Decision making, Teamwork, Communication, Problem Solving, Delegation, Critical Thinking.

PROJECTS

IT Asset Management System | *Python, Django, MySQL/SQLite* ⤢ **Feb 2024**

- Developed a Django-based IT Asset Management System to streamline asset tracking and management for organizations. Implemented features for adding, updating, and deleting hardware assets (laptops, desktops, monitors) while maintaining real-time tracking of ownership, status, and location.
- Integrated a user-friendly dashboard for efficient asset monitoring, ensuring seamless inventory control and audit readiness.

Automated Data Processing Dashboard | *SQL, PowerBi, Tableau* ⤢ **Feb 2024**

- Enhanced an end-to-end data analysis and visualization solution to track revenue and unit sales, enabling data-driven decision-making
- Designed an interactive Power BI Revenue Dashboard featuring KPIs, revenue trends, product category insights, and regional sales performance, using DAX functions for advanced calculations

Autonomous Bus System | *Python, YOLO-based object detection, Dijkstra's Algorithm, Mobile App Framework, etc.* ⤢ **Jun 202**

- Created a machine learning-driven application to recommend suitable crops based on environmental and soil conditions such as temperature, humidity, rainfall, soil type, and pH levels.
- Applied algorithms like Random Forest, Bagging, XGBoost, and Decision Trees to predict the most suitable crops for a given region, improving prediction accuracy and decision-making.

Zomato-Clone-App | *HTML, CSS, JavaScript* ⤢ **Dec 2023**

- Developed a full-stack Zomato-like food delivery application that allows users to browse restaurants, place orders, and make payments. The app includes features for customers, restaurants, and delivery partners.
- Improved UI/UX with animations and modern design patterns.

Personal Portfolio Website | *HTML, CSS, Javascript, Vercel* ⤢ **Apr 2023**

- Expanded a responsive and visually appealing personal portfolio website using HTML, CSS, and JavaScript to showcase personal projects, skills, and achievements.
- Integrated React for dynamic content rendering, ensuring a smooth user experience and interactivity.
- Hosted the portfolio on Vercel, ensuring fast and reliable web hosting with automated continuous deployment.

CERTIFICATIONS

Successfully completed an **Internship at NullClass August 2024 to October 2024** focusing on multiple machine learning and software development projects, including **Drowsiness detection, Nationality classification, Sign language detection and a Emotion recognition** 🔗

Successfully accomplished the **Advanced SQL**Certification from Kaggle. 🔗   **Dec 2022**

Successfully accomplished the **Machine Learning** Certification from Great Learning. 🔗

Mastered **Tableau Certified Data Analyst Cert Prep** course on **LinkedIn Learning** covering Tableau and Data Analysis skills. 🔗   **Feb 2024**

Secured the **Internet of Things** course offered by **NPTEL** (funded by the Ministry of Education, Government of India) at the Indian Institute of Technology Kharagpur.. 🔗   **Oct 2024**

Successfully accomplished the **Data Visualization** Certification from Great Learning. 🔗

ACHIEVEMENTS

- **Have Been Published DATA SCIENCE DIGEST NewsLetter in 2023 by Data Science Domain in VNRVJIET.** 🔗

- Freelanced on diverse projects, delivering solutions in web development, machine learning, and UI/UX design.

Finalist in the 24-hour Hackathon conducted by at IIT Hyderabad 🔗   **Apr 2024**

- Participated in the International Conference on Applied Mathematics and Advanced Data Analytics for Industry 5.0, presenting research on how parental education affects student academic performance.

Won the **Data Visualization** competition organized by the **VJ Data Questers** at VNRVJIET (Hyderabad) on October 25-26, 2024, as part of the technical fest Technovista 2024 🔗   **Apr 2024**

Participated in Software Hackathon by CONVERGENCE of VNRVJIE.

POSITIONS OF RESPONSIBILITY

- Serving as the **Desing Head** of **VJ DATA QUESTERS (Student Club)** in VNRVJIET, leading a team of 200 members to organize workshops, technical events, and initiatives that promote data science and technology, while fostering a collaborative learning environment.   **Mar 2024**

- Volunteered at **NSS (National Service Scheme)**, VNRVJIET, participating in social service activities, awareness campaigns, and community welfare programs, contributing to social upliftment.   **2023 − Present**

- Served as the Student Coordinator for **Profolio**, a portfolio-building competition organized by VJ DATA QUESTERS.   **Sept 2024**

- Serving as the **Desing Member** of **VJ Saahithivanam** (Cultural Club) in VNRVJIET.   **Sept 2024**