

POTHARABOINA PRASAD

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OBJECTIVE

Passionate and results-driven developer with hands-on experience in Data Science, Machine Learning, and Full-Stack Web Development. Proficient in Python for data-driven problem solving, model building, and automation. Skilled in building end-to-end ML solutions, data visualization, and deploying web applications using modern frameworks and tools. Eager to contribute innovative solutions and continuously learn emerging technologies.

EDUCATION

Vignana Bharathi Institute of Technology, Hyderabad 2022-2026
Btech in Computer Science(Data Science), CGPA: 7.2/10

Narayana Junior College, Hyderabad 2020 - 2022
Intermediate(MPC), Score: 96.5

SKILLS

Languages: C/C++, Java, Python, R Programming Language
Frontend: HTML,CSS, Tailwind CSS
Soft Skills: Team Management,Resilience,Communication Skills,Creative Thinking
Databases: MongoDB, MySQL
Tools : Git, GitHub, VS Code, PowerBI, MSOffice, MSEXcel
Concepts: Data Science, Machine Learning, AI, Software Engineering

PROJECTS

Heart Disease Predition using ML: Developed a predictive model to assess the risk of heart disease using patient health data. Utilized classification algorithms like Logistic Regression, Random Forest, and Neural Networks to analyze key medical parameters. Achieved high accuracy through data preprocessing, feature selection, and hyperparameter tuning. Built an interactive web interface using Flask for real-time prediction and user-friendly insights.[\(Github\)](#)

Tools and Technologies: Python, Scikit-learn, Pandas, NumPy, Flask, Matplotlib, Seaborn

Build Muscle Online - Fitness Web Application: Developed a responsive fitness website using HTML, CSS, and JavaScript, featuring categorized muscle group sections with one-line exercise descriptions and embedded demo videos via "View" buttons. Deployed using GitHub Pages with clean UI and mobile-friendly design [\(View Project\)](#)

Tools and Technologies:HTML, CSS, JavaScript, Git, GitHub, GitHub Pages, Render, Visual Studio Code, Kaggle

INTERSHIPS

- AICTE AIML Virtual Internship [\(Certificate\)](#)
- Data Analytics Process Automation Virtual Internship [\(Certificate\)](#)

CERTIFICATIONS

- NPTEL Data Science for Engineers [\(Certificate\)](#)
- Zscaler Zero Associate Course(Zscaler Academy) [\(Certificate\)](#)
- Service Now - Micro Certification [\(Certificate\)](#)

EXTRA-COCURRICULAR ACTIVITIES

- Participated in IGNIS XR-AI Hackathon which provided me insights about 3D Modelling, Unity and also provided exposure to different ideas and helped me in designing a 3D City Planning model. [\(Certificate\)](#)