Aravind Pedhabudhi

Full Stack Developer

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CAREER OBJECTIVE

I am a dedicated and motivated Computer Science student with a strong passion for technology and problem- solving. I approach challenges with efficiency, creativity, and a growth mindset. Committed to continuous learning, I strive to deliver high-quality work in both team-based and independent settings. I strongly believe in transparency, fairness, and ethical collaboration.

EDUCATION

Bachelor of Technology in Computer Science Engineering, Malla Reddy University, Hyderabad, Telangana — Present, Hyderabad, India
- CGPA 9.00

Intermediate in Physics, Chemistry, Mathematics, Narayana Jr Collage, Hyderabad, Telangana — Apr '2022, Hyderabad, India
- Percentage 98.5%

Secondary School in Secondary School Certificate SSC, P.N.M. High School, Hyderabad, Telangana (GPA: 10) — Mar '2020, Hyderabad, India
- CGPA 10

SKILLS

Programming Languages Java, JavaScript, Python
Web Technologies HTML5, CSS3, Bootstrap, React JS, Node JS, Express JS
Databases MongoDB, MySQL, SQLite
Tools Git, GitHub, AutoCAD, Postman
Languages English

PROJECTS

Sports Facility Reservation System   Mar '2025
- Developed a full-stack Sports Facility Reservation System using the MERN stack (MongoDB, Express.js, React, Node.js) with role-based authentication for admin and users.
- Implemented dynamic facility slot management, allowing admins to create, edit, and monitor bookings in real time.
- Enabled secure user login and registration with JWT-based authentication and access control tailored to user roles.
- Designed a responsive and user-friendly UI with React and professional CSS for seamless booking experiences across devices.

FuelX   Jun '2024
- An on-demand fuel delivery system using the MERN stack (MongoDB, Express.js, React, Node.js), revolutionizing traditional refueling by bringing fuel directly to users' locations.
- Created a responsive UI with CSS, ensuring performance and accessibility, while following best practices with Prettier, and Git.
- Implemented test payment in the application using razor pay. Provided users with an automated acknowledgment slip upon successful fuel booking for order confirmation

Heart Disease Detection   Jan '2025
- **Streamlit Web Application** – An interactive web app built with Streamlit for easy and user-friendly medical data input.
- **Machine Learning Model** – Uses Scikit-learn algorithms trained on health data to predict the risk of heart disease.
- **User Inputs** – Accepts parameters like age, cholesterol, blood pressure, and other medical details to generate predictions.
- **Preventive Healthcare Aid** – Provides instant predictions to assist in early diagnosis and encourage timely preventive care.

Netflix Clone (Home Page)   Aug '2023
- Developed a responsive Netflix homepage using HTML and CSS

CERTIFICATIONS

Programming Fundamentals

Python Basics

Introduction to relational Databases

Artificial Intelligence Fundamentals

ACHIEVEMENTS

- Selected as an EY Scholar and awarded a company-sponsored scholarship based on outstanding academic performance and merit.