

R. HEMANTH RAJU

Contact: +91 8008157086
Email: hemanthahemanthraj464@gmail.com
LinkedIn: linkedin.com/in/hemanth-raju-9548532b3
GitHub: github.com/Hemanth8978

Career Objective

I aim to work in a growth-oriented organization that provides a platform to apply and expand my technical skills and knowledge. I want to contribute effectively to the team's success and the organization's overall goals. At the same time, I seek continuous learning opportunities that will help me grow both professionally and personally.

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Sir CV Raman Institute of Technology and Science, Tadipatri

CGPA: 8.3

2021 – 2025

Intermediate (MPC)

Sri Sai Akshara Junior College, Madakasira

Percentage: 88.4%

2019 – 2021

Secondary School Certificate (10th)

Zilla Parishad High School, Hottebetta

GPA: 9.5

2018 – 2019

Skills

Python

- Good knowledge on Data types, Operators, and Slicing
- Good in Conditional statements, Loops, Recursion, and Functions
- Good knowledge on OOPs concepts such as Inheritance, Polymorphism, Abstraction, and Encapsulation
- Hands-on experience in Generators, Iterators, Decorators
- Good knowledge on Exception Handling, File handling, Regular Expressions, and Comprehensions
- Experience in Numpy and Pandas libraries

DSA

- Good knowledge of searching and sorting algorithms in Python
- Familiar with data structures like arrays, stacks, queues, linked lists, and trees
- Able to implement and use these data structures in Python
- Understand time and space complexity of algorithms
- Applied Data Structures and Algorithms (DSA) to write efficient and optimized Python code for problem-solving and performance enhancement.

Web Technologies

- HTML, CSS – Designed responsive web pages using Media Queries and Flexbox/Grid Layout
- JavaScript – Good understanding of functions, events, arrays, and DOM manipulation

SQL

- Good knowledge on DQL, DDL, DML, TCL, DCL
- Hands-on experience with Joins, Normalization, Subqueries, and Correlated Subqueries

Django

- Built dynamic web applications using template and model inheritance
- Implemented forms, authentication, and CRUD operations
- Used Django ORM for efficient database interaction

Tools: VS Code, Power BI

Projects

Exploratory Data Analysis and Machine Learning on Titanic Dataset

The aim of the project is to predict whether the passenger survived or not after a disaster occurred. To do this, the Titanic dataset was collected and cleaned for better accuracy. Analyzed the data using graphs and charts to find important patterns. Prepared the data by handling missing values and converting text data to numbers. Trained machine learning models to predict if a passenger survived or not. Created a basic web application to show survival predictions.

Technologies used: Python, Django, HTML, CSS, JavaScript, SQLite3

Online Movie Ticket Booking application

Developed a web-based movie ticket booking system. The application allows users to register, log in, view available movies and theaters, select seats, and securely book tickets through an integrated payment process. Created an easy-to-use interface and built the backend to handle bookings and payments smoothly, allowing users to add, view, and manage products.

Technologies used: Python, Django, HTML, CSS, JavaScript, SQLite3

Amazon clone

Developed a full-stack e-commerce platform replicating core Amazon features. Built user authentication system with login, registration, forgot password, and reset password functionality. Implemented cart functionality allowing users to add, view, and manage products.

Technologies used: Python, Django, HTML, CSS, JavaScript, Bootstrap, SQLite3

Certifications

- Python full Stack Development – Qspiders
- Python long-term internship - SkillDzire
- Cloud Computing – NPTEL (Course ID: 23CS89S631201158)
- Machine Learning Internship – SkillDzire
- Drawing Competition Certificate – Learn With Us

Languages Known

English, Kannada, Telugu

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.