
Sreehari Karravula

Software Developer

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— Nellore, Andhra Pradesh

CAREER OBJECTIVE

Recent Computer Science graduate with strong proficiency in Python, Django, SQL, and web development. Passionate about building scalable applications and solving real-world problems through technology. Seeking an opportunity to apply and enhance my skills in a dynamic development environment.

EDUCATION

Bachelor of Technology in Computer Science

2020 – 2024

Geethanjali Institute of Science

Nellore, Andhra Pradesh

TECHNICAL SKILLS

Python: Python programming, data types, functions, OOPS Concept, Lambda Functions, Exception Handling, Decorators, Generators

HTML: Boiler Plate, HTML tags, Divisions, Forms, Tables, Marquee Tags, Semantic and Non-Semantic Tags

CSS: Background, Border, Box Shadow, Selector, Transition, Transform, Fonts, Icons

JavaScript: Printing methods, Functions, Event Handlers, Event Listeners

SQL: RDBMS, DBMS, Constraints, Subqueries, Data types, Joins

Django-Framework: URLs, Models, Forms, Views, Templates, Authentication and Authorization

SOFT SKILLS

Communication: Articulates ideas clearly in technical and non-technical discussions.

Teamwork: Works collaboratively and contributes to team success.

Attention to Detail: Ensures precision in coding and documentation.

Adaptability: Quick to learn new tools and technologies.

Problem-Solving: Approaches challenges analytically to identify effective solutions.

PROJECTS

Text Analytics on Railway Accidents

- Developed a machine learning-based system to analyze structured and unstructured railway accident data, identifying key patterns and risk factors.
- Implemented natural language processing techniques to extract insights from reports and safety logs, improving predictive analytics.
- Addressed safety challenges in railway operations, enhancing security and operational efficiency.
- Designed data visualization dashboards to aid decision-makers in safety management strategies.