SRI HARSHA BASAVALA

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OBJECTIVE

A Full Stack Developer with specialization in the MERN stack, seeking a challenging position in the field of Information Technology. Eager to apply and expand my skills in building scalable and efficient web applications, contribute to innovative projects.

EDUCATION

Indian Institute of Information Technology
Design and Manufacturing Kancheepuram Chennai   07/2019 - 05/2024
Dual Degree: Bachelor of Technology | Master of Technology in
Computer Science Engineering

Narayana Junior College Visakhapatnam, Class XII   06/2017 - 03/2019
Board of Intermediate Education, Andhra Pradesh
CGPA : 8.23

Bhashyam Public School Visakhapatnam, Class X   06/2016 - 03/2017
Board of Secondary Education, Andhra Pradesh
CGPA : 9.00

SKILLS

Tech Stack :	C , JAVA , HTML , CSS , Java Script ,Basic Python , MY SQL, React JS, Node JS , Express JS , Mongo DB , Tailwind CSS
Developer Tools :	Git , Github , Postman , Linux , Canava , Autocad

PROJECTS

Data Analysis Project | Python   **02/2023 - 04/2023**

- Performed Exploratory Data Analysis, which involved visualizing the data and understanding the relationships between variables for the World Cup 2007 dataset.

Hyper-Heuristics for the Maximally Diverse Grouping Problem | Python   **12/2023 – 05/2024**
Major Project

- Applied hyper-heuristic techniques (e.g., Item Swapping, Greedy Heuristic, Destroy and Repair) to solve a combinatorial optimization problem.
- Implemented and compared SSGA, VNS, and IMS algorithms to evaluate solution quality and efficiency.

Imager - a Text-to-Image Generator | MERN Stack [Deployed Link]   **11/2024 - 04/2025**

- Developed a SaaS application that generates AI-powered images from text using the ClipDrop API.
- Built with MongoDB, Express.js, React.js, and Node.js, implementing REST APIs and responsive UI.

CERTIFICATIONS

Full Stack Web Development (MERN Stack) — Cuvette	Oct 2024 – Jun 2025 (Ongoing)
Programming in Java — NPTEL | Link	Score: 87%, 2023
Cloud Computing — NPTEL | Link	Score: 72%, 2022
The Joy of Computing using Python — NPTEL | Link	Score: 64%, 2023