

MARTHA PAVAN

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Phone: 9177129437

GitHub: github.com/MarthaPavan/RideShare

Profile

I am a committed and technically proficient Web Developer with experience in building dynamic and responsive web applications using modern frameworks and technologies. I possess a strong foundation in data structures and algorithms, which I actively apply through my enthusiasm for competitive programming. My objective is to contribute effectively to software development projects by combining analytical thinking with practical implementation skills.

Projects

RideShare: A Carpooling Application

Designed and implemented a carpooling application utilizing ReactJS for the frontend and Node.js with Express for the backend. Integrated MongoDB for data persistence, implemented JWT-based authentication for secure access, and incorporated the LocationIQ API to enable real-time address autocomplete and tracking. Facilitated core functionalities such as user registration and ride booking to enhance usability and functionality.

Travel Bloom

Developed an interactive travel platform that highlights iconic landmarks, cultural attractions, and lesser-known destinations across the globe. The platform provides curated travel tips, destination insights, and user-generated content to assist and inspire travelers in planning enriching and memorable journeys.

Work Experience

Modak Analytics – Data Engineer Intern

Contributed to the design, development, and maintenance of scalable data pipelines and analytics workflows as a Data Engineer Intern at Modak Analytics. Built and optimized ETL pipelines using PySpark within the Databricks environment to handle large-scale data processing tasks efficiently. Performed comprehensive data cleansing and transformation to support downstream analytical operations. Managed containerized environments using Docker and Kubernetes, and streamlined recurring processes through automation with Linux shell scripting and cron jobs.

Education

CVR College Of Engineering – BTech in Computer Science

CGPA: 8.66

SR Junior College – Maths, Physics, and Chemistry

Percentage: 99.2%

Sri Vivekanandha High School – SSC

Percentage: 95%

Skills

Programming Languages: Java, Python

Web Development: Node.js, ReactJS, ExpressJS

Database Management Systems: MySQL, MongoDB

Data Engineering: Databricks, PySpark, Linux, Docker, Kubernetes, Streamsets, Azure

Other: Analytical Thinking, Problem-Solving