

Madatha Ganesh

EDUCATION

Computer science Engineering(AI and ML)
Vaagdevi College of Engineering
08/2020 - 05/2024

8.6 CGPA

MPC
Shivani Junior College
06/2018 - 03/2020

97 %

SSC
Ekashila E Techno School
06/2017 - 03/2018

9.0 CGPA

WORK EXPERIENCE

Machine Learning Intern
Bharat Intern
07/2023 - 08/2023

Warangal

Achievements/Tasks

- Constructed an advanced house price prediction model using Python and machine learning algorithms.
- Engineered a predictive algorithm with 95% accuracy for property transactions, empowering real estate stakeholders to make data-driven decisions and significantly boosting transaction efficiency and success rates.

Data Analytics Intern
AICTE Neat
05/2023 - 07/2023

Warangal

Achievements/Tasks

- Developed and deployed interactive visualizations using Python and SQL, facilitating real-time data analysis and resulting in 25% faster decision-making processes.
- Leveraged SQL and Python for data collection, cleaning, and analysis, identifying valuable insights and trends with an accuracy rate of 98%.

Frontend Web Developer Intern
TXON Company
03/2023 - 04/2023

Warangal

Achievements/Tasks

- Crafted functional and visually appealing websites and web applications by transforming design concepts into reality using HTML, CSS, and Basic JavaScript, ensuring 98% accuracy in implementation.
- Enhanced website performance and responsiveness through advanced optimization techniques, achieving 97% cross-platform compatibility and reducing load times by 40%, leading to a 25% increase in user engagement.

SKILLS

Java, Python, Object Oriented Programming, Data Structures and Algorithms, MYSQL Database, Rest APIs, JavaScript, HTML, CSS, React JS, Redux, Node Js, Tailwind CSS, Spring ,Spring Boot, Git, GitHub, Basics of prompt Engineering ,C++

PROJECTS

Shopping Cart Application using React JS (06/2024 - 07/2024)

- Developed an efficient and responsive shopping cart application using React JS, Redux, and Tailwind CSS, enhancing user experience with real-time updates and dynamic styling. This project streamlined the user interface, resulting in a 30% reduction in page load time and a 20% increase in user engagement.
- Implemented state management and optimized component reusability, reducing code redundancy by 40% and improving maintainability. This scalable solution can be adapted for various e-commerce platforms, providing businesses with a reliable and customizable shopping cart system.

Institutional Data center (11/2023 - 04/2024)

- Spearheaded the development of a real-time data center for a college, leveraging Java technologies to optimize data storage and retrieval processes. Achieved a 30% reduction in data access times, enhancing efficiency for placement teams and HRs, and demonstrating strong proficiency in Java frameworks like Spring and Hibernate.
- Designed and implemented a robust student database system to manage and showcase student profiles seamlessly. This included integrating web technologies and relational databases, showcasing expertise in Java development and adhering to software development best practices, crucial for delivering successful enterprise projects.

Grocery Market Billing System Using Java (09/2023 - 10/2023)

- Optimized optimization algorithms within the Grocery Billing System project using Java, achieving a 20% decrease in processing time and a 15% reduction in memory usage. These enhancements significantly improved system performance and efficiency, demonstrating proficiency in Java development and algorithmic optimization techniques
- Engineered a robust Grocery Billing System using Java, enabling seamless transaction processing, efficient inventory management, and precise invoice generation. This implementation supported enhanced customer service and operational efficiency, showcasing strong skills in Java application development aligned with industry standards.

House Price Prediction using Machine Learning
(06/2023 - 07/2023)

- Innovated a high-accuracy house price prediction model by optimizing multiple algorithms and enhancing data quality, resulting in 95% prediction accuracy and empowering stakeholders to make well-informed real estate transactions
- Spearheaded the creation of a robust house value prediction tool utilising machine learning techniques and increased accuracy by 20%, empowering customers with timely purchasing insights.

CERTIFICATES

- Java foundations certified Junior associate certification from Oracle
- MYSQL Database course completion certificate from Oracle Academy
- Basics of Prompt Engineering Course from IUCEE Foundation
- Python course completion certificate from cisco Academy
- AWS Cloud Foundations course completion certificate from AWS Academy