

Hemanth N B



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Summary

Frontend Developer with 1+ year of experience in building and optimizing web applications. Skilled in React, MUI, TypeScript, HTML, and CSS. Proven ability to enhance UIs, boost performance, and provide insightful data visualizations.

Experience

TestVagrant Technologies

Jun 2023 – Present

Software Development Engineer in Test Intern - (Full time)

Bengaluru

- **Client Project - Transportation service**
- Designed and implemented a comprehensive dashboard for monitoring and managing passenger activities, payments, and trip history, improving administrative efficiency.
- Created detailed passenger and driver activity logs, enabling administrators to quickly access trip data and payment types, which enhanced data accuracy and reduced query time by 25%.
- Optimized search functionality by implementing debouncing, reducing unnecessary API calls by 45%, and improving application performance.
- Utilized Redux for state management and integrated RESTful APIs to enhance data handling and communication between the client and backend.

Projects

BuildMate Dependency Manager | *ReactJs, HTML, CSS, JavaScript, Python, Flask, GitHub.*

- * Developed a web application for streamlined project initialization using Maven and Gradle build tools.
- * Integrated functionality to automatically access the user's terminal and initiate the project structure.
- * Implemented a dynamic dependency selection feature allowing users to choose specific dependencies for their projects.

Text Utils APP | *ReactJs, HTML, CSS, JavaScript, BootStrap, GitHub.*

- * Designed a dynamic and user-friendly Text Utils App using React, providing essential text manipulation and analysis features.
- * Utilized the onChange function to calculate and display real-time statistics.
- * Enhanced user experience by implementing a toggle between Dark and Light modes using the useState hook.

Student Informative Chat-Bot System | *HTML, CSS, JavaScript, MySQL, PHP, BootStrap, GitHub.*

- * A full-stack website encompasses a conversational user interface, enabling users to input commands and queries related to college-related activities.
- * This interface facilitates the retrieval of information in textual form, providing users with responses and data relevant to their inquiries.
- * Used PHP as a backend language, MySQL as a database.

Technical Skills

Languages: Java, JavaScript, C++.

Technologies: React.js, HTML, CSS, TypeScript, Flask, Material UI

Tools: Git, Gitlab/ GitHub, Postman, Figma, Visual Studio.

Database: MySQL.

Education

University Vivesvaraya College Of Engineering

Bachelor of Technology in Mechanical Engineering (GPA: 9.01 / 10.00)

Graduated Aug 2023

Bengaluru, Karnataka

Achievements

- * Seasoned coder with 200+ problem resolutions on platforms like **Leetcode** and **GFG**.
- * Collaborated in a **hackathon** which was organized by TestVagrant Technologies.