

NISHA M

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SKILLS

LANGUAGES : C | Java | C++(Beginner) | SQL | JavaScript (Basics)

FRAMEWORKS AND TECHNOLOGIES : React.js | Express.js | MongoDB | Node.js | Figma | Postman | ML (Beginner)

AREA OF INTEREST : Web Development | Software System Design

VERSION CONTROL: Git | GitHub

SOFT SKILLS: Communication | Leadership | Teamwork | Collaboration

TECHNICAL : DSA | OOPS

PROJECTS

IOT-ENHANCED HEALTHCARE MONITORING PLATFORM

2023-2024

REACT JS – EXPRESS - MONGODB

- Built a MERN stack application integrated with IoT devices for real-time health data tracking and analysis.
- Utilized ThingSpeak and MATLAB for advanced data visualization and predictive health insights.
- Implemented JWT authentication and MongoDB for secure, scalable data storage and user management.

Next Steps: Integrating Data analytics and reporting

SKILL HIVE: A COLLABORATIVE SKILL SHARING AND DISCOVERY PLATFORM

2024-Ongoing

REACT JS – EXPRESS - MONGODB

- Provides a platform for users to find opportunities for collaboration based on mutual interests and expertise.
- Leverages machine learning to offer personalized skill growth paths that align with industry needs.
- Encourages lifelong learning by keeping users updated on current and relevant skills in the tech space.
- MongoDB as Backend for User information and making CRUD operations for users.
- Interactive UI using Tailwind CSS

Next Steps: Integrating AI/ML

ADVANCED PERFORMANCE ANALYTICS PLATFORM

2023-2024

REACT JS - EXPRESS – MONGODB

- Engineered a sophisticated performance tracking system utilizing React and data visualization libraries to provide comprehensive skills assessment and progression monitoring.
- Implemented modular architecture enabling real-time performance metric tracking, multi-dimensional skill evaluation, and interactive data visualization for trainers and trainees.
- Developed intelligent analytics platform with dynamic charting capabilities, supporting personalized performance insights and strategic skill development tracking.

Next Steps: Integrating Data analytics and reporting

REACT JS - EXPRESS – MONGODB

- Architected scalable MERN-based travel booking platform with comprehensive tour management, and adaptive user experiences.
- Developed responsive, mobile-first design with advanced state management and performance-optimized React components for seamless user interaction.

EDUCATION

BACHELOR OF ENGINEERING (ECE with Honors) SATHYAMANGALAM

BANNARI AMMAN INSTITUTE OF TECHNOLOGY 2022-2026

- 8.77 CGPA (UPTO 4TH SEM).

HIGHER SECONDARY COIMBATORE

GRD-CPF HIGHER SECONDARY SCHOOL 2021-2022

- Prevailed an aggregate of 94.5%.

SSLC

RVS MATRICULATION HIGHER SECONDARY SCHOOL COIMBATORE

- Prevailed an aggregate of 91.5%. 2019-2020

DECLARATION

I Nisha M, hereby declare that details provided above are true to the best of my knowledge.



Nisha M