

Munagala Nuthan Harsha Vardhan Reddy

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Summary

I am a highly skilled Full-Stack Java Developer with over 10 months of professional experience in building scalable, user-friendly web applications. My expertise includes HTML5, CSS, Flask, JavaScript, TypeScript, PostgreSQL, NoSQL, SQL Databases, Next.js, Node.js, MongoDB, REST APIs, Firebase, and Supabase.

I have successfully delivered multiple full-stack projects — including HRMS, Real-Time Chat Applications, AI-Powered Assistants, Job Portals, and E-Commerce platforms — entirely as a solo developer, demonstrating my ability to take ownership of end-to-end development.

With strong database design skills and analytical knowledge, I can not only develop robust backend systems but also contribute as a data analyst. I am a fast learner, highly adaptable to new technologies, and capable of managing challenging projects independently or within a team.

Technical Skills

Languages: JavaScript (ES6), HTML, CSS, XHTML

Frameworks: Next.js, React.js, Node.js, Express.js

Libraries: Material, Redux, React Router, JQuery

Databases: MongoDB, SQL, MongoDB Atlas,Postgres

Dev Tools: VS Code, Git, GitHub, GitLab, Mongoose,PGadmin

Cloud Platforms: AWS, Vercel, Heroku, Hostinger

Other Skills: DS & Algorithms, WordPress, UI/UX Development, Responsive Design, Web Services, Authentication, Basic DevOps

Languages Known: English, Telugu, Kannada

Experience

Full-Stack Developer, VJC Overseas – Bengaluru, India Nov 2024 – Present

- Working as a Full-Stack Developer at VJC Overseas contributing to end-to-end web application development with Next.js, Node.js, and MongoDB.
- Designed and deployed the official websites for VJC Overseas and VJC Infra using Next.js with responsive design, server-side rendering, and performance optimization.

Web Development Intern, DataApps – Bengaluru, India feb 2023 – april 2023

- Completed a 2-month internship focusing on full-stack web development.
- Worked with JavaScript, Node.js, and SQL to build and enhance internal web tools.
- Gained practical exposure to frontend-backend integration and database management in real-world projects.

Education

Bachelor of Technology, GITAM School of Technology – Bangalore, Karnataka, India 2021 – 2025

- CGPA: 7.81

Projects

VJC Overseas Web Ecosystem

Next.js, Node.js, MongoDB,
Vercel, Hostinger, Firebase,
Gemini AI

- Developed and deployed the official website for **VJC Overseas** using Next.js, Node.js, and MongoDB with server-side rendering, performance optimization, and SEO best practices.
- Built a full-featured **Real-Time Jobs Portal** with a structured 3-step process: login with secure email authentication, profile creation, and job application workflows with filtering options by country and role.
- Created an **AI-Powered Real-Time Assistant** using Gemini AI APIs and Firebase, capable of answering queries about overseas education and visa processes in real-time. Restricted responses to 246 curated website resources

for reliability.

- Designed a unified, responsive UI across all platforms ensuring consistent branding and enhanced user experience.

E-Commerce Shopping Website

MERN Stack (React, Node,
MongoDB Atlas)

- Designed and launched a responsive e-commerce platform using the MERN stack with cloud-hosted MongoDB Atlas.
- Developed shopping flows for Men, Women, and Kids categories with functional cart features.

Human Resource Management System (HRMS)

Java, Python, SQL, Full-Stack

- Designed and implemented a full-stack HRMS application with both frontend and backend integration for managing employee data.
- Developed secure modules for attendance tracking, payroll management, and automated salary slip generation.
- Built a SQL-based backend to store and manage employee records, attendance logs, performance data, and salary details.
- Created RESTful APIs with Java and Python for seamless data handling between frontend and backend.
- Designed a responsive frontend interface ensuring ease of use for HR administrators and employees.

Peer-to-Peer Real-Time Chat Application

JavaScript, WebSockets,
Node.js

- Built a real-time chat platform that enables peer-to-peer communication between clients with instant message delivery.
- Integrated WebSocket connections for real-time responsiveness and scalability.
- Developed a clean and responsive UI for conversation management with user presence indicators.

Kalvenit Website

TypeScript, React, Framer
Motion

- Built and deployed a dynamic web platform for Kalvenit using React and TypeScript, delivering a modern and scalable solution.
- Integrated Framer Motion to enhance user experience with smooth animations and interactive UI components.
- Ensured responsive design and performance optimization for cross-device compatibility.

Event Organizing Web Application

React.js, Node.js, MongoDB

- Developed a platform to manage and organize events efficiently, including event creation, scheduling, and participant registrations.
- Implemented backend functionalities for storing user and event data securely with MongoDB and Node.js.
- Designed an intuitive UI with React for seamless navigation, allowing users to track and register for upcoming events in real-time.

Lumpy Skin Disease Detection System

AI/ML, Python, Kaggle
Datasets

- Developed an AI/ML-based system to detect and classify Lumpy Skin Disease in livestock using Kaggle datasets.
- Preprocessed and augmented image datasets for improving model training and accuracy.
- Applied deep learning techniques to train and test classification models.
- Designed a prediction pipeline to provide real-time insights, supporting veterinarians and farmers in disease monitoring.

Certifications & Training

- **NCC C-Certificate Holder**, awarded by National Cadet Corps.
- Certification in **Embedded Systems** from HCL Technologies.
- Multiple certifications in **Web Development, AI/ML, and Data Science**.
- Completed a **2-month Web Development Internship** at DataApps, gaining practical exposure to full-stack development.
- Hackathon Participation and Certification during college with recognition for innovative problem-solving.