Balaji D

MERN STACK Developer

PROFILE SUMMARY

Passionate MERN STACK Developer and pre-final year B.Tech IT student, skilled in creating responsive web and mobile apps with React.js and React Native. Proficient in JavaScript frameworks and TypeScript, delivering scalable, user-friendly solutions.

WORK EXPERIENCE

Senchola Technology Solutions , Bangalore

Frontend Developer Intern   Jul 2023 - Oct 2023

- Created a **responsive website** to promote **Tamil Nadu tourism,** showcasing destinations and cultural insights to attract travelers.
- Converted **Figma design** to a **responsive landing** page using React.js and Bootstrap, focusing on pixel-perfect accuracy and interaction.
- Built a **YouTube clone** to test skills, featuring video search, player integration, and core functionalities for user engagement.

Tespa Tools Pvt Ltd ,Chennai

IT Department Intern Jul 2025 – Present   Feb 2025 - Present

- Developed the **Tespa Metrology** website using the MERN stack, incorporating best SEO practices for improved visibility and performance.
- Created a customized **QR app** for their gauges, enhancing traceability and ease of access.
- Built an **AI chatbot** using Gemini API and RAG (Retrieval-Augmented Generation), integrating it with Tespa's existing data to provide intelligent, accurate responses.

PERSONAL PROJECTS   Explore all ⧉

Code Blog Hub - A Full-Stack Blogging Platform

- CodeBlogHub is a full-stack blog application I developed using **Next.js**, **MongoDB**, and **Auth.js**. The platform allows users to create, edit, and view blog posts, with a secure and user-friendly authentication system.

AI powered virtual assistant - Virtual Assist

- Developed Virtual Assist, an AI-powered assistant using the **MERN stack**, allowing users to create custom virtual agents. Integrated with **Gemini API** for enhanced task automation and user interaction.

CONTACT

- Chennai, India
- +91 9384318546
- balaji01975@gmail.com
- Portfolio
- linkedin
- GitHub

EDUCATION

- B tech Information Technology | S.A. Engineering College | 2023 - Present
- Diploma in CSE | Murugappa Polytechnic College | 2019 - 2022

SKILLS

Programming Languages:
- JavaScript (ES6+)
- TypeScript
- Python

Frontend Technologies:
- HTML5, CSS3
- React.js, Redux
- Next.js, React Native
- Bootstrap 5, Tailwind CSS

Backend Technologies:
- Node.js, Express.js
- Mongoose, MongoDB
- Firebase, MySQL

Tools:
- Git, Postman
- VS Code, Figma
- Vercel, Netlify
- Adobe Photoshop
- cursor, v0.dev

LANGUAGES KNOWN

- English
- Tamil

AI-Powered Personalized Learning System

- Developed an AI model using the **MERN stack** to analyze student learning patterns and generate customized study plans, enhancing academic performance through personalized learning strategies.

Harimidhu Organic -Ecommerce

- Harimidhu Organic is an organic products selling website built using **Next.js** for better SEO and Tailwind CSS for UI. The backend is powered by **Firebase**, and the domain and **hosting** are configured using Hostinger and Netlify.

Sri Balaji Printers - Printing Shop Website

- Sri Balaji Printers is a printing shop website that showcases services with WhatsApp integration and **Web3 forms**. Built using **Next.js** and **ShadCN** for a modern UI, it ensures better SEO and is hosted on Netlify and Hostinger.

Sri Balaji Printers - Printing Shop Website

- Sri Balaji Printers is a printing shop website that showcases services with WhatsApp integration and **Web3 forms**. Built using **Next.js** and **ShadCN** for a modern UI, it ensures better SEO and is hosted on Netlify and Hostinger.

FreshDel - E-commerce Platform

- FreshDel is a **MERN-based** e-commerce platform specializing in fresh vegetables and fruits delivery. It features **Razorpay integration** for secure payments and an admin panel for managing orders efficiently.

ACHIEVEMENTS   Explore all ⬈

IEEE CS TECH SAVANTS CARNIVAL'24 - PROJECT EXPO

- My team and I showcased our project, **Hunger Free**, which connects contributors and volunteers to donate food to those in need, **winning 3rd place** at a project expo.

HACKAITHON - STELLA MARIS COLLEGE

- Developed an AI-powered personalized learning system that analyzes student learning patterns and provides customized study plans, **securing 2nd place** 🥈 at the **hackathon** hosted by Stella Maris College.

Conducted DESPOTIX 2K24 Hackathon

- **Organized** and **hosted** DESPOTIX 2K24, a **hackathon** at S.A. Engineering College, bringing together talented tech minds from **various colleges**. It was an incredible experience, fostering innovation and collaboration throughout the event.