Nagesh Shyam Merva

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SUMMARY

Software Engineer specializing in full-stack and AI-driven web solutions. Experience across startups building scalable apps, SEO automation tools, and real-time systems. Hackathon finalist at IIT Goa & Odoo India, with strong foundation in React.js, Next.js, Python, and backend APIs.

EXPERIENCE

Frontend Developer – Next.js

FroverLabs   **Feb 2025 - July 2005, Goa**
- **Tech Stack:** Next.js, React.js, Tailwind CSS, Agentic RAG, SEO workflows
- Collaborated on client projects and delivered landing pages with responsive, optimized UIs.
- Contributed to an internal SEO Automation Tool by building frontend components integrated with RAG models, enabling auto-generation of blogs, keywords, and SEO content.
- Improved content operations efficiency by refining workflows and delivering seamless UI integration with backend models.
- contributed towards development of frontend components for their Core Product

Web Developer Intern

ICS Engineers (IT Dept Client)   **Dec 2024 – Jan 2025 - Goa**
- **Tech Stack:** React.js, Tailwind CSS, Node.js (Admin Dashboard)
- Built a professional portfolio website with Admin Dashboard for company profile management.
- Developed clean, reusable React components, improving maintainability and scalability.
- Optimized frontend performance for smooth navigation and user experience.
- **Achieved** a 44% increase in positive Google reviews within two months. Website SEO resulted in 38% increase in website traffic tracked via google analytics setup.

Web Developer Intern

ICS Engineers (IT Dept Client)   **June 2024 - July 2024, Bengaluru**
- Developed a user-friendly interface for a multi-outlet restaurant brand, maintaining brand identity while incorporating a design similar to Zomato, resulting in a **77% customer retention rate**.
- Integrated dynamic menu displays, search functionality, filters, and cart and order functionalities, enhancing user experience and ease of navigation.
- Designed and implemented **backend APIs in Python Flask** to manage order handling, restaurant status checks, delivery radius validation, and WhatsApp notifications for real-time updates.
- Built an Admin app with real-time alerts and order management features using **Socket.IO**, including order acceptance, fulfillment, delivery, and printing.
- Achieved a 44% increase in positive Google reviews within two months, contributing to a **28–37% projected revenue increase.**

PROJECTS

Project Management Tool – Task & Goal Tracking

July 2025 - Sept 2025
https://pmt-crob.web.app/
- Developed a full-stack project management system with tasks, milestones, & team collaboration.
- Added real-time activity tracking and goal progress visualization to reduce scattered workflows
- Delivered a clean, responsive UI improving productivity & adoption by small teams.

Sentiment Analysis System – E-Commerce Insights

Sept 2025 - ongoing
- Tech Stack: Python, BERT, RAG Models, FastApi, MongoDB, Reactjs, Taiwlndcss
- Building an AI-powered system to analyze e-commerce product reviews for sentiment insights.
- Helps businesses & customers identify genuine feedback vs. noise, boosting decision-making.

Other Projects (showcase): MyDigitalMenu [https://menu.crobtechlabs.in/] , Techfluence 2025[https://techfluence2025.in/], CROB Tech Labs [https://crobtechlabs.in/]

EDUCATION

Bachelors in Information Technology

Minor in Data Science • Goa Collage of Engineering • Farmagudi, Goa • 2027

Meta Marketing Science - Meta • 2025
Frontend Development with React - FreeCodeCamp • 2024
Google IT Automation with Python - Coursera • 2023

SKILLS

| React.js, Next.js, Tailwind CSS, HTML5, Three.js | Git, Firebase, Razorpay API, SEO automation
| Python (Flask, Socket.IO), MongoDB, REST APIs | Team Collaboration, Hackathon Leadership, Client Project Delivery