RANJAN M
Front-end Web Developer

Creative Web Developer with a passion for innovative solutions and crafting seamless, user-friendly experiences.
I enjoy turning ideas into reality through clean, efficient code and continuously exploring new technologies to enhance performance and usability.

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Click here for my portfolio

Work Experience

Associate Web Developer
Sachin Btech Solutions │Bengaluru
July 2023 — Present

Built a real-time auction platform with WebSocket and multi-language support, enabling seamless live bidding.
Developed a scalable admin panel for OnePass Users with React.js, Tailwind CSS, and API integrations, streamlining premium customer and coupon management.
Revamped outdated WordPress themes, improving speed, responsiveness, and SEO rankings, leading to better user engagement.
Automated gym management system with WhatsApp alerts and CRON jobs, enhancing efficiency in membership tracking and trainer management.

Self-Taught Developer (Freelancing)
August 2022 — Present │Bengaluru

As a self-taught developer, I've worked on everything from customizing client websites to building simple yet functional apps like portfolio sites for friends, a contact manager app, and automation tools.
Whether it's launching e-commerce stores, streamlining admin panels, or making small but impactful apps,

Projects

OnePass Users Administration System
Client - Cheggout Services Private Limited, Bangalore

Scope : Develop a system that allows the client to track and manage premium OnePass customers, issue and manage discount coupons, and ensure seamless administration with an intuitive UI.

Solution: Designed and implemented the frontend using React.js based on client requirements.
- Utilized Tailwind CSS for styling and shadcn for efficient table rendering.
- Integrated Zod and React Hook Form for form validation and handling.
- Used Axios for seamless API communication with the backend.

Design Skills
Sketching & Wireframing: Excalidraw, Figma.
Visual & Prototyping: Figma
Animation Design: SVG Animation, Framer Motion
Documentation: Markdown

Development Skills
Web Technologies: HTML5, CSS3, JavaScript, TailwindCSS, WebAPI's.
Front-End Frameworks: React.js, Next.js, Vite
Back-End & Full-Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js), Prisma, REST APIs, Cloudinary.
Real-Time & Integration: WebSocket, Socket.io, Axios.
Version Control & Deployment: Git, GitHub, Vercel, Netlify, Ubuntu,

Research Skills
User Experience Research: User- Interviews, Usability Testing
Performance Optimization: Profiling, SEO Analysis
Data Analysis & Automation: AI Trends, Market Research

Volunteering and Interests
Volunteer work @ MathruChaya, Prerana NGO's

Literature, Technology, Travel, Painting etc.

Education History
Bachelor of Technology (B.Tech)
Jothy Institute of Technology
Civil - Year of Graduation: 2018

- Developed an intuitive interface for managing OnePass users and their coupons efficiently.
- Collaborated on ideation and system architecture to ensure smooth development.

Impact : Delivered a scalable and maintainable system that streamlined OnePass customer management and coupon distribution, enhancing efficiency and user engagement.

Laura's Touch – WordPress Theme Revamp
Client - Laura, UK

Scope : Modernize a 7-8 year old WordPress theme to improve design, performance, and user experience without disrupting the live site.

Solution: Learned Existing issues and theme file structure to make precise modifications.
- Created a staging site to avoid disruptions on the live website.
- Made custom changes to the theme plugin and applied CSS enhancements for a cleaner design.
- Collaborated with the client to select carousel images and refine text content.
- Optimized and edited images for faster load times and perfect alignment.
- Successfully pushed the changes live after client approval.

Impact : Enhanced visual appeal, user experience, and site speed, ensuring better usability and engagement.

Scout's Gym Management System
Client - Mr. Satish, Bangalore

Requirement: The client needed an efficient system for gym owners to manage trainers, collect feedback, and track memberships. They required an admin dashboard with real-time updates through email and WhatsApp notifications to ensure timely communication and streamlined operations.

Solution: Built a responsive admin dashboard using the MERN stack.
- Integrated CRON jobs to send automated email alerts for near-expiry memberships and important updates
- Implemented the WhatsApp API for real-time notifications to gym owners and members.
- Designed an intuitive UI for seamless feedback collection and data visualization.
- Utilized MongoDB and Prisma for robust, scalable data management.

Impact : Streamlined membership tracking, feedback collection, and trainer management, significantly enhancing gym operations and engagement.

Auction Website – Cultural Heritage Marketplace (Ongoing)
Client - Aljeerat Ajmul, Saudi Arabia

Requirement : Build a multi-language auction platform with an intuitive and responsive UI, allowing seamless real-time bidding and a culturally engaging experience.

Solution: Developed the frontend using Next.js for a dynamic and efficient UI.
- Integrated i18next for multi-language support, catering to diverse users.
- Implemented WebSockets (Socket.io) for real-time bid updates.(pending)
- Designed a responsive and interactive UI for auctions and bid placement.
- Used Tailwind CSS for styling and shadcn for tables and form elements.
- Ensured seamless API communication with Axios for fetching auction data.(pending)

Other Projects
- **Poorveshana Developers** – Designed and developed a modern, SEO-optimized WordPress website using Elementor and Blocksy theme, showcasing services, projects, and testimonials. Implemented performance optimizations, reducing load time by 40% and increasing client inquiries by 35% within three months.
- **Shopify2Woo:** Developed a Next.js tool to automate Shopify-to-WooCommerce products CSV conversion.
- **IOTS_Publishers:** Customized a WordPress platform with animations for a dynamic IoT news hub.
- **Office Chat:** Built a real-time messaging app using WebSocket for seamless office communication.
- **AI-Email Manager:** Creating an AI-powered email platform for managing multiple emails.
- **Text2Speech Web APIs, Portfolio Websites, Landing Pages.** (please visit GitHub to know more)

Declaration: I confirm that the information provided is true to the best of my knowledge.