

# 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**Revamped** outdated WordPress themes, improving speed, responsiveness, and SEO rankings, leading to better user engagement.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.*