

# Naga Pranav. M

Bengaluru, India

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## SUMMARY

Software Developer with **2+ years** of experience creating modern, reliable, and user-focused web applications. Dedicated to building clean interfaces and elevating overall product quality.

## SKILLS

<b>Frontend</b>	React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, Vite, Redux, React Router, Responsive UI.
<b>Backend</b>	Node.js, Express.js, Nest.js, REST APIs, Socket.IO, WebRTC signaling.
<b>Tools &amp; Others</b>	Git, GitHub, WebSockets, Figma, Postman, CI/CD basics, WordPress, JSON, JWT Auth.

## WORK EXPERIENCE

**BeePrecise (AI-powered AgriTech Company)**  
*Oct 2023 – Nov 2025*

Bengaluru, India

### Software Developer – Beehive Monitoring Platform

- Built and optimized full-stack modules for IoT-based beehive monitoring using React.js and Nest.js.
- Developed real-time dashboards visualizing hive health, temperature, humidity, and sensor analytics.
- Integrated AI-based prediction systems that classify hive health using ML-generated outputs.
- Collaborated with hardware engineers to integrate sensor devices and cloud services, showcased at Krishi Mela 2024.
- Improved UI/UX consistency and reduced dashboard load times using optimized API calls and caching.

**Founding Team Member – Electronix AI (Product)**

Jan 2025 – Nov 2025

- Contributed to early-stage product design and architecture for AI-driven electronics co-engineering tools.
- Participated in brainstorming features for SaaS workflows, automation pipelines, and developer tooling.
- Explored feasibility of deep-learning integrations, custom datasets, and automation modules.

## PERSONAL AND FREELANCE PROJECTS

**Getransfr – Peer-to-Peer File Sharing App**

[[Link](#)]

*React 19, TypeScript, WebRTC, Socket.IO, Node.js, Express.js*

- Engineered a high-performance P2P file-sharing application using WebRTC, enabling direct browser-to-browser transfers with minimal server dependency.
- Improved UI responsiveness by offloading heavy file processing to Web Workers, maintaining smooth performance during large file transfers.
- Implemented modern Web APIs including File System Access API for direct-to-disk writes and Screen Wake Lock API to prevent interruptions during active transfers.

- Designed a mobile-first, premium UI using Tailwind CSS and Framer Motion with real-time progress indicators and polished animations.
- Built a scalable signaling backend handling WebRTC offers, ICE candidates, device discovery, and connection lifecycle management.

### **YouTube Clone – React + RapidAPI**

*React, Material UI, RapidAPI*

[\[Link\]](#)

- Created a YouTube-style interface enabling video search, playback, and category filtering.
- Integrated RapidAPI to fetch real-time video metadata and recommendations.

### **Beyond Dental – Business Website**

*React, Tailwind, Responsive UI*

[\[Link\]](#)

- Designed and developed a modern, mobile-friendly website for a dental clinic.

- Implemented service pages, appointment sections, and SEO-ready structure for better visibility.

- Delivered a clean, professional UI focusing on trust-building and patient engagement.

### **Pragathi Computers – Retail & Services Website**

*React, Tailwind, Responsive UI*

[\[Link\]](#)

- Created a business website for a computer retail & services provider with easy-to-navigate service listings.
- Improved local business discoverability with SEO-friendly structure and responsive design.
- Enhanced user engagement by presenting products, service details, and contact workflows clearly.

## **EDUCATION**

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2018 – 2022 **Bachelor of Science [PMCs]** – Vijaya College, Bengaluru