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About Me

Innovative Information Science Engineering student skilled in **MERN stack development** and **AI integration**. Experienced in building scalable, user-centric web applications with secure authentication, responsive UI, and API-driven architectures. Passionate about leveraging emerging technologies to deliver impactful digital solutions.

Work Experience

Frontend Developer — Swadhyu.in (Freelance) 2025 – Present

- Spearheaded frontend development for Swadhyu.in, improving load time by 35% and increasing conversion rates by 20%.
- Optimized WordPress site responsiveness across mobile and desktop platforms, enhancing overall UX.

MERN Stack Developer — Manyathy Business Solutions (Internship) Apr 2025 – Jun 2025

- Developed full-stack web solutions with React.js, Node.js, and MongoDB, reducing API response time by 40%.
- Designed a React prototype for *Swadhyu.in* and successfully migrated it to a WordPress production setup.

Education

PES Institute of Technology and Management, Shivamogga, Karnataka Aug 2022 – May 2026

Bachelor of Engineering in Information Science | CGPA: 8.7/10 (Expected)

Technical Skills

Languages: C, C++, JavaScript

Frontend: React.js, Redux Toolkit, Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express.js, Socket.io

Database: MongoDB

AI & GenAI: LangChain, Hugging Face, Groq API, Mistral AI

Tools: Git, Render, Cloudinary, VS Code

Projects

1. QuickShow — Full-Stack Movie Ticket Booking Platform *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Clerk, Inngest, Render*

- Live:** quickshow-2.onrender.com
- Engineered a scalable ticket-booking web app with real-time seat selection and admin analytics dashboard.
- Integrated **Clerk** for secure authentication and profile management; automated user sync using **Inngest**.
- Improved user engagement by 25% through intuitive UI design and dynamic filtering.

2. Care-Mal — AI-Powered Veterinary Healthcare Platform *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Leaflet, Clarifai, Gradio*

- Live:** care-mal-4.onrender.com
- Created an AI-driven telehealth platform offering voice-based diagnosis and image-based symptom analysis.
- Integrated APIs (**Groq, Clarifai, ElevenLabs**) for multimodal AI insights, improving accuracy of pet diagnostics by 30%.
- Implemented live location tracking using Leaflet and video consultation features to connect doctors with clients.

3. Green Cart — Full-Stack E-commerce Platform *React.js, Node.js, MongoDB, Redux Toolkit, Tailwind CSS, Cloudinary*

- Live:** green-cart-8e1n.onrender.com
- Developed a responsive e-commerce platform with authentication, dynamic cart, and order management.
- Integrated **Cloudinary** for optimized image storage, reducing page load time by 45%.
- Built an interactive admin dashboard enabling CRUD operations for products and sales tracking.

Certifications

Complete Generative AI Course with LangChain and Hugging Face — Udemy (2025)

Achievements

- Published paper titled "**Care-Mal: A Veterinary Emergency Assistance Platform**" in *IJIRSET*, Vol. 14, Issue 8, Aug 2025.
- Selected for the **Campus to Corporate (C2C) Internship Program** at TAP Academy.