Ganesh Pallam

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Bangalore, India.

Linkedin

Github

Portfolio

EXECUTIVE SUMMARY

Front-End Developer specializing in React, JavaScript, and responsive web design. Passionate about crafting intuitive, high-performance user interfaces with clean, maintainable code. Experienced in state management Rest APIs, and modern front-end workflows. Strong problem-solving skills and a keen eye for UX/UI best practices.

EDUCATION CREDENTIAL

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology — Chennai, India
Bachelor of Technology in Electronics and Communication Engineering — **May 2023**
Academic Honours/Awards: Merit Scholarship — GPA: 8.23/10

Suvarna Bharathi Junior College — Hindupur, India
Board of Intermediate Education — **May 2019**
Academic Honours/Awards: Merit Scholarship — GPA: 9.57/10

SKILLS

- **Programming Languages**: Python, JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frameworks & Libraries**: React.js, Next.js, Tailwind CSS
- **Tools & Platforms**: VS Code, Git, npm, Webpack, Vite+
- **State Management:** Redux, Context API
- **AI Powered Development:** ChatGPT, Deepseek (for code generation, debugging and optimization)
- **Deployment:** Vercel, Netlify
- **Methodologies**: Agile, Scrum, Responsive Design

EXPERIENCE

Freelance Front-End Developer — **Bangalore, India**
Self-Employed | Remote — **2024 - Present**

- Developed high-performance web applications using React.js, Next.js, and TypeScript, ensuring seamless user experiences with responsive design principles.
- Leveraged Tailwind CSS for rapid UI development and consistent design systems across multiple client projects.
- Integrated AI-powered tools (ChatGPT, Deepseek) to accelerate code generation, debugging, and performance optimization, reducing development time by 30%.
- Managed state efficiently using Redux and Context API for complex applications with dynamic data requirements.
- Automated deployments using Vercel and Netlify, implementing CI/CD best practices for zero-downtime updates.
- Followed Agile/Scrum methodologies to collaborate with remote teams, using Git for version control
- Built and optimized RESTful API integrations for real-time data fetching, improving application responsiveness.

PROJECTS

EFOQ – Wholesale Saree E-commerce Website | Freelance Project

- Built a fully responsive e-commerce website for wholesale saree sales using React and Vite, achieving fast load times and smooth performance
- Implemented engaging UI animations with Framer Motion and scroll effects using the AOS library to enhance user interaction
- Designed a clean, mobile-first interface Tailwind CSS, scoring 95+ on Lighthouse performance and accessibility audits
- Used Git for version control and deployed the project on Netlify for seamless and scalable hosting
- Integrated product display sections, category filters, and a contact form for customer inquiries
- Utilized AI-assisted tools (ChatGPT/DeepSeek) to optimize UI/UX and streamline development workflow

Tech stack:
React, JavaScript (ES6+), Vite, Tailwind CSS, Farmer Motion, AOS, Git, Netlify

Intelligent Traffic Prediction System | Deep Learning Project

- Developed a computer vision application using YOLO pretrained weights to detect and count vehicles at traffic junctions
- Implemented X and Y junction analysis to identify traffic patterns and congestion hotspots
- Designed a user-friendly interface with HTML, CSS, and JavaScript for real-time traffic visualization
- Created a priority signaling system that automatically adjusts traffic lights based on vehicle density
- Processed and analyzed user-submitted images to improve traffic flow at critical intersections

Tech stack:
Python, YOLO, Deep Learning, HTML, CSS, JavaScript

CERTIFICATIONS & ACHEIVEMENTS

- Front End Development with React JS Certification [Digital Lync]
- Boosted overall efficiency by 20% through meticulous execution processes
- Attained Accuracy in getting project results without any errors

RELAVENT COURSEWORK

- Web Application Development
- Responsive web Development
- Front-End Architecture
- Version Control Systems
- Interactive UI Design
- JavaScript Frameworks
- API Integration
- Netlify
- Python
- CSS Preprocessors
- Redux