Manju Madhav V A

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EDUCATION

PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT   Shivamogga
Bachelor of Engineering in Computer Science and Design   Expected July 2026
- Cumulative GPA: 8.3/10.0
- Relevant Coursework: UX & UI Design; Data Structures & Algorithms; AI, ML; Object-Oriented Programming
- Interests: Web development, UI/UX design

WORK EXPERIENCE

FREELANCER/SELF-EMPLOYED   **May 2025 - Present**
Full-Stack Developer   Remote
- Developed PaperPeak, an academic writing marketplace using Next.js and Firebase that transformed WhatsApp-based services into a scalable platform connecting students with verified professional writers
- Optimized service coordination by cutting response time from 2-4 hours to under 5 minutes with smart matching system
- Enhanced payment security & quality assurance by implementing escrow system with unlimited revisions, and 24/7 support, eliminating payment disputes through Razorpay and AWS S3 integration

PROJECTS

SYNCOVA – TASK AUTOMATION TOOL (Academic Project)   **May 2025 - Present**
- Built Syncova, an AI-powered task management platform that transformed manual workplace coordination into an intelligent automation system connecting distributed teams with optimized resource allocation
- Automated project coordination by reducing manual status updates by 75% with PostgreSQL triggers and skill-based matching algorithms, eliminating routine reporting and improving delivery metrics by 15%
- Implemented real-time notification system with Supabase Realtime and database triggers, providing instant alerts for task assignments and status changes across 20+ concurrent users
- Technologies: React, TypeScript, Vite, Tailwind CSS, Radix UI, Supabase, AWS S3, Vercel

GITDOXX – REAL-TIME COLLABORATIVE DOCUMENT PLATFORM (Personal Project)   **Aug 2025**
- Created GitDoxx, a collaborative document platform combining Google Docs-style real-time editing with Git-like version control, eliminating manual versioning and accelerating brainstorming and documentation processes
- Integrated AI-powered document analysis (summarization, diff analysis, STT/TTS) and implemented real-time collaboration system with BlockNote + Y.js, Firebase, and AWS S3, which led to faster, more accurate reviews
- Technologies: Next.js 15, TypeScript, BlockNote, Y.js, Firebase, AWS S3, GROQ AI, Shadcn/UI, Tailwind CSS

UI/UX DESIGN TUTORIAL (Personal Project)   **Feb 2025**
- Designed UI/UX Design Tutorial, a UI/UX learning platform with vanilla stack serving 60+ students with interactive tutorials and practical exercises
- Engineered a mobile-responsive PWA to ensure accessibility, integrated Firebase authentication, and feedback system which created personalized learning experiences and gathered user insights to improve content
- Technologies: HTML5, CSS3, JavaScript, Markdown, Firebase, PWA, GitHub Pages

ACTIVITIES

GEEKSFORGEEKS STUDENT CHAPTER   PESITM, Shivamogga
Event team Member   Jul 2024 – Dec 2024

ADDITIONAL

Technical Skills: JavaScript, React.js, HTML 5, CSS 3, Tailwind CSS, Firebase, Supabase, MySQL, AWS S3, Vercel, Figma, Canva, Java, Git/GitHub, Visual Studio Code
Languages: English, Kannada, Hindi
Certifications: Programming in Java (NPTEL)