Yukendhiran

Vellore, Tamil Nadu, India

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Personal Profile

MCA graduate with full-stack development experience using React, Node.js, JavaScript, SQL and C#. Passionate about building responsive web applications and learning modern technologies. Proficient in Linux and actively developing skills in software engineering.

Education

Vellore Institute of Technology   *Vellore, India*

Master Computer Application (CGPA: 8.76)   *Jun 2023 - Apr 2025*

- Volunteering to configure lab systems.
- **Key Courses:** Data Structures and Algorithms, Java Programming, Database Systems, Cloud Computing, Full Stack Web Development, Machine Learning, Software Engineering, and Software Testing.

Vellore Institute of Technology   *Vellore, India*

Bachelor Of Computer Science (CGPA: 8.73)   *Aug 2020 - May 2023*

- Graduated with a Merits Certificate.
- Engaged in numerous online training programs.

Work Experience

Anavadya Softech Private Limited   *Bangalore, India*

Fullstack Developer   *Jul 2024 – Mar 2025*

- Developed and delivered multiple full-stack web applications for clients, including ERP systems and DSA platforms.
- Collaborated in cross-functional teams to design, implement, and deploy scalable software solutions.
- Contributed to code quality improvement initiatives and development workflow optimization.
- Deployed web applications to cloud platforms including Vercel and DigitalOcean.

Projects

Anavadya Softech Private Limited   *Bangalore, India*

Associate Software Engineer – Technical Projects   *Jul 2024 – Mar 2025*

- **CRMitra V1 & V2 – DSA Platform**: Developed both V1 frontend and V2 fullstack architecture for direct selling agent platform. Built with React, Express.js, and implemented JWT authentication, CRUD APIs, and responsive UI components using TailwindCSS and DaisyUI.
- **React + TanStack Template Development**: Created reusable React templates integrated with TanStack Router, TanStack Query, and modern form handling libraries to accelerate team development and maintain code consistency across projects.
- **Cross-Runtime Backend Templates**: Designed and implemented flexible backend templates supporting multiple JS runtime environments (Node.js/Deno/Bun) with Hono frameworks for rapid API development.
- **Supabase + Next.js Integration**: Successfully integrated Supabase as backend solution with Next.js applications, authentication, and database operations for modern web applications.
- **ERP System Frontend Modules**: Developed frontend modules for ERP platform including dashboard components, data visualization, and form management systems with focus on user experience and performance.
- **AI Development Setup**: Configured and optimized AI development workflows using Claude Code integrated with cost-effective language models and MCP (Model Context Protocol) for enhanced development productivity.
- **Deployment Infrastructure Management**: Managed deployment using DigitalOcean for backend applications and Vercel for frontend hosting, implementing CI/CD practices and optimizing deployment strategies.
- **Deployment Management**: Deployed and managed fullstack applications, utilizing a DigitalOcean Linux VM and Vercel.

Skills

Technical Skills   JavaScript, TypeScript, C#, SQL, React, Node.js, .NET Minimal API, Express.js, Next.js, TanStack Router, TanStack Query, TailwindCSS, React Hook Form, Zustand, Git, Vercel, Claude Code, MCP

Certifications

2024	**Full Stack Open: MERN,** University of Helsinki	*Online*
2024	**Full Stack Open: TypeScript**, University of Helsinki	*Online*
2024	**Foundational C# with Microsoft**, freeCodeCamp & Microsoft	*Online*