

Mahesh S

Mysore, Karnataka, India

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Professional Summary

Results-driven MERN stack developer with expertise in **MongoDB, Express.js, React.js, and Node.js**. Proficient in modern front-end frameworks like **Tailwind CSS, Material UI, and Bootstrap**, with a strong focus on **building scalable, user-centric web applications**. Experienced in leveraging **TypeScript** to enhance maintainability and performance. Passionate about **creating intuitive interfaces** and solving real-world problems through **efficient coding and best practices**. Thrives in **collaborative team environments** and is committed to continuous learning.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, Node.js, Java, C++

Frontend: React.js, Redux Toolkit, shadcn/ui, React-Query, Framer Motion, Tailwind CSS, Bootstrap, Material UI

Backend: Express.js, Mongoose, Prisma, RESTful API, Socket.io, JWT

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, Figma, Postman

Projects

ItinexAI *AI-Powered Travel Planner* — GitHub — Live

Feb 2025

- Built an AI-driven travel planner that auto-generates personalized itineraries, reducing trip planning time by **80%**.
- Integrated **Gemini API** for structured, real-time travel plans and **SerpAPI** for live flight searches.
- Developed **budget-based recommendations**, dynamically suggesting destinations, accommodations, and activities.
- Designed a **fully responsive UI** using **React.js, Tailwind CSS, Framer Motion** for smooth animations.
- Optimized API requests and caching strategies, reducing response time by **35%** for seamless user experience.

Pinterest Clone *MERN Stack Social Media App* — GitHub

Feb 2025

- Developed a feature-rich **Pinterest clone** with **JWT authentication, image uploads, and user profiles**.
- Implemented an **infinite scrolling public feed**, enhancing content discoverability and engagement.
- Optimized media storage with **Cloudinary**, cutting image load time by **40%**.
- Designed a **modern UI** with **Tailwind CSS**, ensuring responsiveness across all devices.
- Deployed on **Vercel**, currently serving **60+ active users** with real-time interactions.

3D Interactive Portfolio *Personal Branding Website* — GitHub — Live

Jan 2025

- Built a **3D interactive portfolio** using **Three.js** and **React Three Fiber** for an immersive UI.
- Designed a **hacker-style hero section** with **real-time cursor tracking** and **GSAP animations**.
- Implemented a **3D project showcase**, allowing users to explore live demos inside an interactive workspace.
- Integrated a **dynamic contact form** with **EmailJS** for seamless networking.
- Optimized for performance using **Vite**, improving loading speed and UX across devices.

Education

Vidya Vikas Institute of Engineering and Technology

Oct 2023 – Oct 2027

Bachelor of Engineering (B.E.) in Computer Science

Mysore, Karnataka

Leadership / Extracurricular

Hackathon Leadership

2023 – Present

Team Lead — AI & Blockchain Innovator

National & College-Level Hackathons

- Participated in **5+ national hackathons**, tackling real-world challenges in **AI, cybersecurity, MERN stack, and blockchain**.
- Led a **4-member team** in **3+ hackathons**, overseeing innovation, development, and strategic pitching.
- **Secured 1st place** in **Smart India Hackathon (College Level)** by building a scalable real-world solution.
- Developed and deployed **full-stack prototypes**, integrating **MERN stack, AI models, and blockchain solutions**.
- Managed project workflows, ensuring **efficient task distribution, rapid problem-solving, and seamless collaboration**.
- Interacted with industry mentors to refine ideas and align solutions with **real-world applications**.