

Mahesh S

Mysore, Karnataka, India

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Professional Summary

Aspiring software engineer with a strong foundation in **MERN stack development**, building scalable, high-impact web apps powered by **TypeScript, React.js, Node.js, and MongoDB**. Proven ability to deliver real-world solutions through **AI-integrated platforms**, full-stack prototypes, and hackathon-winning projects. Skilled in crafting responsive, user-first UIs using **Tailwind CSS** and modern tooling. Thrive in agile, collaborative environments, leading teams, writing clean code, and solving real problems fast. Passionate about building tech that creates real-world value and impact.

Technical Skills

Languages - JavaScript, TypeScript, Java, C++, Python, HTML, CSS

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

Backend - Node.js, Express.js, Mongoose, Prisma, RESTful APIs, Socket.io, JWT

Databases - MongoDB, MySQL

Tools & Platforms - Git, GitHub, Figma, Postman, VS Code, Firebase, Vercel

Projects

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

Feb 2025

- Developed an **AI-driven travel planner** reducing trip planning time by **80%**.
- Integrated **Gemini API** for structured plans and **SerpAPI** for live flight searches.
- Built **budget-based recommendations**, suggesting destinations, stays, and activities.
- Designed a **fully responsive UI** with **React.js, Tailwind CSS, Framer Motion**.
- Optimized API calls, reducing response time by **35%** for a seamless experience.

Pinterest Clone *MERN Stack Social Media App* — GitHub

Feb 2025

- Developed a full-stack **Pinterest clone** with **JWT authentication, image uploads, and user profiles**.
- Implemented an **infinite scrolling feed**, enhancing discoverability.
- Optimized media handling with **Cloudinary**, reducing image load time by **40%**.
- Designed a **modern UI** using **Tailwind CSS** for seamless responsiveness.
- Deployed on **Vercel**, currently serving **60+ active users**.

AquaBov *AI-Powered Cow Assistant for Rural Farmers* — GitHub — Live

Apr 2025

- Built an AI-based system to detect cow breeds using a **custom-trained ML model on 4,500+ images**.
- Integrated **Gemini AI** for smart **crossbreeding recommendations** and **diet plans**.
- Created **Dr. Moo**, a multilingual chatbot offering real-time cow health & breeding support.
- Developed responsive frontend with **React + Tailwind (Vercel)** and Flask backend on **Firebase**.
- Designed seamless **ML-API-UI pipelines** tailored for low-tech rural environments.

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 & Innovation

2023 – Present

Team Lead — Builder of Real-World AI & Blockchain Solutions

National & College-Level Events

- Led a 4-member team across **3+ national hackathons**, winning **1st place** at Smart India Hackathon (College Level) with a solution built from scratch in 36 hours.
- Crafted full-stack platforms, AI chatbots, and decentralized tools using the **MERN stack**, driving end-to-end execution in high-pressure sprints.
- Took charge of feature scoping, problem-solving under ambiguity, and communicating ideas clearly to mentors and judges.

Certifications & Key Coursework

- **Full-Stack Web Development** — MERN stack, modern UI frameworks, REST APIs.
- **Data Structures & Algorithms, Design & Analysis of Algorithms, SQL, Object-Oriented Programming in Java, SQL.**