

Moksh Barapatre

9049527009 | barapatremoksh1816@gmail.com | LinkedIn | Github | Portfolio | LeetCode

ABOUT ME

I am a full-stack developer who thinks in systems and architecture, with a frontend-first foundation built on React, Next.js, and Tailwind CSS. I am currently developing production web applications at Shaibya Solutions and expanding into backend development with Node.js, Express.js, and PostgreSQL. My strength lies in reading, debugging, and reasoning through code and systems, and I am working to match that with strong hands-on development skills. I am aiming to grow into a well-rounded full-stack developer who can own a feature end to end, from database schema to deployed UI.

EDUCATION

Ramdeobaba University

B.Tech, Computer Science and Engineering (Artificial Intelligence & Data Science) – CGPA: 8.87

Nagpur, India

3rd Year

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C, C++, SQL, Java, Python

Frontend: React.js, Next.js, Responsive Design, Tailwind CSS

Backend: Node.js, Supabase, REST APIs, JWT Authentication

Databases: MongoDB, MySQL, PostgreSQL, Prisma, Supabase

Tools: Git, GitHub, Ai Tools, Vercel, Figma

Other: OOPs, DBMS, Linux, DSA, Computer Networks, API Integration, Performance Optimization

EXPERIENCE

Shaibya Solutions

May 2026 – Present

Software Development Intern

- Built a transit admin platform (ETMS) automating attendance tracking and pickup scheduling, significantly reducing manual coordination time.
- Developed and maintained responsive web applications using Next.js, React.js, and Tailwind CSS.
- Built dynamic, content-driven user interfaces by integrating Sanity CMS for efficient content management.
- Collaborated with designers and developers to implement pixel-perfect, user-friendly, and accessible frontend components.
- Leveraged AI-assisted development tools to improve development efficiency, accelerate debugging, and streamline code generation.
- Optimized frontend performance through responsive design, reusable components, and modern React development practices.
- Participated in code reviews, team discussions, and Agile development workflows to deliver high-quality features.

Google Developer Groups (GDG)

October 2025 – Present

Frontend Developer & UI/UX Designer

- Designed and implemented UI layouts for the GDG website [Link], translating Figma designs into responsive frontend components.
- Created wireframes and visual designs for event pages and digital assets, ensuring consistent UX across the platform.

Innoticx

September 2025 – December 2025

Graphic Design & Video Editing Intern

- Designed marketing creatives, social media graphics, and promotional materials aligned with brand guidelines.

PROJECTS

SafeDose – Pharmaceutical Authentication Platform | *Next.js, Firebase, Gemini 2.0 Flash, Sarvam AI* | Link | GitHub

- Built a pharmaceutical authentication and supply chain platform for the Build With AI Hackathon 2026, detecting counterfeit and gray-market drugs.
- Architected a 7-layer verification engine generating a 0–100 Trust Score using AI-driven analysis.
- Integrated Gemini 2.0 Flash and Sarvam AI for multilingual, AI-assisted verification and fraud detection.

Revolution Gym Website | *Next.js, Tailwind CSS, Sanity Studio* | Link

- Built a fully responsive, mobile-first gym/fitness business website featuring interactive 3D elements implemented with Three.js.
- Integrated Sanity Studio as a headless CMS for managing class schedules, membership plans, and site content.
- Iteratively optimized 3D rendering and asset loading to improve page performance, deployed via Vercel.

Touchwood Furnitech | *Next.js, Tailwind CSS* | Link

- Designed and developed a product showcase website for a furniture manufacturing business with responsive layouts.
- Implemented product catalog browsing and inquiry forms to support business lead generation.

Petal – Menstrual Health Platform | *React.js, FastAPI, AI & ML, MongoDB* | Link | GitHub

- Built a menstrual health awareness platform in collaboration with Upay NGO, including cycle tracking, education, and community support modules.
- Integrated AI-driven insights for personalized health recommendations.

ACHIEVEMENTS

Winner, Build With AI Hackathon 2026 – Led team RootsReimagined to build SafeDose, a pharmaceutical authentication platform, from concept through pitch deck and technical architecture.

Solved 200+ problems on LeetCode, covering data structures, algorithms, and problem-solving patterns.