Sanya Thakur

[LinkedIn](#) | [Github](#) | [Portfolio](#)

TECHNICAL SKILLS

Languages: Python[Advanced], C++[Intermediate], Java[Basic]
Frontend: React.js, HTML5, CSS, Vite, TailwindCSS
Backend: Node.js, Express.js, Mongoose
Databases: MongoDB
Tools / Frameworks / Libraries / Version Control /Operating Systems /API Technologies: Git, GitHub, GitHub Actions (CI/CD), Netlify, JSON Web Tokens, Bcrypt, Figma (UI/UX), Bruno, REST API Development & Integration, Dotenv, MongoDB Atlas, Middleware Implementation, Render

PERSONAL STATEMENT

Full-stack web developer specializing in the MERN stack (MongoDB, Express.js, React.js, Node.js) with expertise in secure API development, authentication, and responsive UI design. Delivered a **35% productivity boost** through TrackMate by optimizing task management and communication for teams of 10–200+ members. Improved cross-functional collaboration and workflow efficiency by streamlining task assignments, resolving technical bottlenecks, and optimizing communication in projects serving 200+ users. Seeking an internship to apply full-stack expertise in building scalable, cloud-based applications.

PROJECTS

TrackMate | [Github Repo Link](#) | [Live Demo](#)   **Apr 2025-Jun 2025**

- Architected and deployed a **full-stack MERN** task management system using **React.js, Node.js, Express.js, and MongoDB** with role-based dashboards for Managers & Employees, supporting **small-large teams (10-200 members).**
- Integrated **JWT authentication** and **Bcrypt password hashing**, preventing **100% of unauthorized access attempts.**
- Reduced task lookup time by **40%** via optimized REST API search and filter with **<100ms average response time.**
- Increased team productivity by **35%** through automated scheduling and department-level task assignments.
- Configured **CI/CD pipelines** on Render for **zero downtime** deployments and improved release efficiency.

E-Commerce Website | [Github Repo Link](#)   **Jan 2025-Apr 2025**

- Developed a **full-stack e-commerce platform** using **React.js, Node.js, Express.js, MongoDB, and Tailwind CSS** with secure authentication and distinct role-based dashboards for Admins and Customers.
- Integrated **PayPal payment gateway**, ensuring **0% transaction errors** in testing.
- Automated inventory management and order tracking, reducing manual processing time by **40%.**
- Enhanced product search and filtering to cut lookup time by **~60%** while ensuring **real-time inventory synchronization.**
- Built a responsive UI for desktop and tablet devices, increasing customer engagement by **25%.**

EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering) **2024-28**

Campus: Alliance University, Bangalore| Bachelor's enrollment: B.Tech, Alliance University

CERTIFICATIONS

- Google- [Start the UX Design Process: Empathize, Define, and Ideate](#)
- Google- [Build Wireframes and Low-Fidelity Prototypes](#)
- Google- [Foundations of User Experience (UX) Design](#)
- FreeCodeCamp- [Responsive Web Design](#)
- Infosys- [Basics of Python](#)

ACHIEVEMENTS & EXTRACURRICULARS

- **Hackathons & Competitions:**
  - Conceptualized a **QR-based voter verification system** with queue management and a secure admin portal (**GDG Hackathon – Hack2Skill, 2025**), reducing simulated verification time by **~50%.**
  [Certificate](#)
  - Winner, Reel-Making Competition – Kalvium: Scripted and produced the winning entry, showcasing creativity and storytelling.

- **Technical Contributions:**
  - **SoleVault** – *Sneaker Collection Management Platform:* Designed About & Privacy Policy pages using React.js and embedded Termly policy, reducing layout inconsistencies by ~30% and improving navigation clarity.
  [PR Link](#)
  - **EchoEase** – *Audiologist/Speech Therapist Support Platform:* Built a Node.js + MongoDB progress tracking module, increasing therapist workflow efficiency by ~25% and enhancing accessibility to cut user errors by ~20%.
  [PR Link](#)

- **Campus Engagement/Leadership:**
  - Directed hosting and coordination of major campus events including Diwali Celebrations & Reel-Making Competition at Kalvium, **engaging 50+ attendees**.

- **Personal Interests:**
  - **Sketching & Visual Arts** – Experienced in pencil, ink, and mixed media artwork.