Mayansh Bangali

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SUMMARY / OBJECTIVE

Final-year Computer Science undergrad specializing in AI, ML, and real-time backend systems. Passionate about building impactful, scalable solutions—from hackathons to production-grade apps. Open to SDE internships and innovation-driven role.

SKILLS

Languages : JavaScript,Typescript, Python, C, C++, SQL, Bash, HTML, CSS, XML

Frameworks and Libraries : React, Next.js, TensorFlow.js,WebSockets, Node.js, Express.js, EJS, Vite, Bootstrap, jQuery, Docker,Tailwind CSS, GSAP

Tools and Platforms : Git, GitHub, Replit, Postman, Redis, Apache Kafka, npm, Visual Studio Code

Databases and Cloud Technologies : MongoDB, MySQL, Render, Vercel, Netlify

EDUCATION

Bachelor of Science in Computer Science | Sandip University, Nashik (Specialization in AI, ML & VR) — CGPA: 8.45 | May,2026

XII (HSC) | Dr. Gujar Subhash High School & Jr. College, Nashik — Feb,2023

PROJECTS

Zync – Real-Time Social Discovery Platform (Live Demo | Github)

- Developed a full-stack, real-time platform enabling users to discover nearby people and instantly exchange social profiles.
- Integrated WebSockets for bi-directional messaging with sub-250ms latency across devices and browsers.
- Scaled to 200+ concurrent sessions in internal testing with 80%+ user retention and stable UX across sessions.

Amiguard: AI-Powered Comment Toxicity Detection System (Live Demo | Github)

- Built a real-time toxicity detection platform using Flask and the Perspective API, analyzing comments with 95%+ accuracy across six abuse categories.
- Achieved sub-600ms latency and 90% uptime on Render with a modular backend built for scalable NLP integration.
- Designed a responsive UI with instant feedback and dynamic badges, tested with 50+ concurrent users.

Moodify: Emotion-Driven Music Personalization Platform (Live Demo | Github)

- Built a browser-based app using TensorFlow.js and Spotify API to recommend songs based on real-time facial emotion detection.
- Tuned the model to run under 700ms on most devices with 90%+ face detection accuracy, working entirely on the client side.
- Designed a clean, animated interface with GSAP and tested it across 10+ browsers/devices.

ACHIEVEMENTS

- Among the top 20 finalists for Nasa's Space Apps Hackathon held nationwide (2024).
- Secured semi-finalist position in the national Smart India Hackathon (2024).