

Harsh Mishra

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Education

Babu Banarasi Das University

B.Tech, Computer Science and Engineering (Pursuing) | CGPA: 8.3 (Latest), 8.56 (Cumulative)

Aug 2023 – May 2027

Lucknow, India

Sant Atulanand Residential Academy

Class X: 74.66% | Class XII: 63.6%

2020 – 2023

Varanasi, India

Technical Skills

Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Languages: JavaScript, TypeScript, Java, Python, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design

Backend & APIs: Node.js, Express.js, RESTful APIs, JWT Authentication, OAuth 2.0

Databases & Cloud: MongoDB, Firebase Firestore, MySQL, Vercel, Render

AI & Tools: Google Gemini API, Groq API, Git, GitHub, Postman, VS Code

Experience

Syent Technology

Apr 2026 – May 2026

Web Development Intern

Remote

- Developed full-stack web applications using **React.js, Node.js, Express.js, and MongoDB**, delivering production-ready features within sprint deadlines.
- Designed **RESTful API endpoints** with input validation and error-handling middleware; optimized MongoDB queries to reduce API response time.
- Collaborated via **Git & GitHub** using branching, pull requests, and code reviews; improved cross-browser compatibility across Chrome, Firefox, and Safari.

Hacktoberfest 2025 — DigitalOcean

Oct 2025

Open Source Contributor — Super Contributor

Remote

- Earned **Super Contributor** status for consistent, high-quality contributions across multiple open-source repositories.
- Delivered UI/UX improvements, bug fixes, and API integrations; raised Lighthouse scores using semantic **HTML5, CSS3, and JavaScript**.
- Collaborated with maintainers on pull request reviews, feature delivery, and documentation improvements.

Projects

SynapseAI — AI-Powered Second Brain | React 18, TypeScript, Node.js, Express.js, MongoDB, JWT, Groq AI | 2025

- Built a **full-stack SaaS knowledge management platform** enabling users to save YouTube videos, tweets, articles, and notes with tag-based organization across **10 REST API endpoints**.
- Integrated **Groq LLaMA 3.1** for AI-powered content summarization with a **3-tier fallback chain** (Groq → Gemini → local extraction) ensuring 100% feature availability.
- Implemented **JWT authentication**, Axios interceptors for centralized token attachment, public brain-sharing via **crypto-generated unique hashes**, and analytics dashboard; deployed on **Vercel + Render + MongoDB Atlas**.

Kavach — AI Cybersecurity & Anti-Fraud Platform | React 19, Node.js, Express.js, Firebase, Gemini AI, Leaflet.js | 2025

- Engineered a **full-stack threat detection platform** scanning URLs, UPI IDs, and messages via Google Gemini AI with **server-side API proxying** to prevent client-side key exposure.
- Built live crowd-sourced scam heatmap using **Firestore onSnapshot** and React Leaflet for zero-polling real-time geographic incident tracking across Indian cities.
- Secured with **Firebase Auth (Google OAuth)**, JWT, Firestore Security Rules, and Emergency SOS module with **AI-generated legal complaint drafts** for National Cyber Crime Portal (1930).

Achievements & Leadership

- **Technical Head, IBM Student Club** — Organized workshops and technical events for 100+ students; led peer mentorship initiatives.
- **Technical Head, AAINA** — Directed cross-functional technical coordination and end-to-end project delivery for college cultural tech initiatives.
- **Shortlisted for Smart India Hackathon 2025** (Internal Round) for a smart traffic management system to reduce urban congestion using real-time data processing.
- Solved **200+ DSA problems** on LeetCode covering arrays, trees, graphs, and dynamic programming.
- **Hacktoberfest 2025 Super Contributor** — Recognized for high-quality open-source contributions across multiple repositories.