

Nikunj Miglani

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SUMMARY

Computer Science undergraduate with hands-on experience in full-stack development and web security. Built systems including an AI-based vulnerability scanner, NLP classifier, SEO-optimized business websites. Strong in frontend and backend design and scalable application development.

EDUCATION

- **SRM Institute of Science and Technology** Uttar Pradesh, IN
B.Tech in Computer Science; CGPA: 8.2 Aug 2024 – Jul 2028
- **MRG School** New Delhi, IN
Intermediate (CBSE); CGPA: 8.8 Aug 2022 – Jul 2024

EXPERIENCE

- **Migla Industries** New Delhi, IN
Web Developer Intern May 2025 – Jul 2025
 - : Developed and deployed the company's official website with responsive UI and structured business pages.
 - : Applied on-page **SEO best practices** including semantic HTML, meta tags, optimized assets, and page speed improvements.
 - : Implemented mobile-first design and ensured cross-browser and cross-device compatibility.
 - : Handled deployment, domain configuration, and basic website maintenance.

PROJECTS

- **VulneraScan – AI-Assisted Web Vulnerability Scanner** 2025
GitHub Repo
 - : Built an automated scanner detecting **SQLi, XSS, Command Injection, LFI, open ports, insecure headers, and SSL/TLS misconfigurations**.
 - : Implemented crawling, parameter discovery, and payload-based attack simulation using **Python + Node.js**.
 - : Added **LLM-based vulnerability analysis and CVSS-style risk scoring** with results stored in MongoDB.
- **FNDP – AI-powered Fake News Detector** 2025
fndp-frontend.vercel.app
 - : Developed an **NLP-based classification system** for detecting fake news using linguistic feature extraction.
 - : Achieved **85%+ accuracy** through model training and hyperparameter tuning on benchmark datasets.
 - : Deployed as a **real-time full-stack web app** with REST APIs for instant verification.
- **AyuTrace – Blockchain-powered Herb Traceability** 2025
ayutrace
 - : Designed and deployed **Solidity smart contracts** for tamper-proof supply chain tracking.
 - : Implemented **SHA-256 hashing and geo-verification** to prevent data manipulation.
 - : Built the platform using **Next.js, MongoDB, TailwindCSS, and Ether.js**.

ACHIEVEMENTS

- **Smart India Hackathon 2025:** Cleared **Internal SIH 2025** round with blockchain-based traceability solution.
- **Hackstasy Hackathon:** Ranked in the **Top 20 teams** among 300+ participants for a scalable full-stack project.

TECHNICAL SKILLS

- **Languages :** C/C++, JavaScript (ES6+), Python, SQL, Solidity:
- **Frameworks & Libraries :** Next.js, React.js, TailwindCSS, Shadcn UI, Flask, Bootstrap, Vite, Ether.js:
- **Developer Tools :** Git/GitHub, Vercel, Postman, MySQL, VS Code, CursorAI:
- **Core Concepts :** LLM Integration, Fast API Development, NLP, DSA, OOP, DBMS, Web Security: