

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
• <i>B.Tech in Computer Science; CGPA: 8.2</i>	<i>Aug 2024 – Jul 2028</i>
MRG School	New Delhi, IN
• <i>Intermediate (CBSE); CGPA: 8.8</i>	<i>Aug 2022 – Jul 2024</i>

EXPERIENCE

Miggla Industries	New Delhi, IN
• <i>Web Developer Intern</i>	<i>May 2025 – Jul 2025</i>

- 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
• <i>GitHub Repo</i>	

- 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.

ArcArea – Service Marketplace for Designers & Architects	2025
• <i>arcarea</i>	

- Built a full-stack marketplace platform similar to Urban Company for **interior designers, architects, and furniture designers**.
- Implemented **vendor profiles, service listings, booking requests, reviews, and slug-based routing**.
- Integrated dynamic content management via Sanity CMS.

AyuTrace – Blockchain-powered Herb Traceability	2025
• <i>ayutrace</i>	

- 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.
- **Hackstasty 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: