

# Nikunj Miglani

+91 95195-17579 | [niikkunjmiglani@gmail.com](mailto:niikkunjmiglani@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## 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

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

## EXPERIENCE

- |                               |                            |
|-------------------------------|----------------------------|
| <b>Miggla Industries</b>      | 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

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|--|------|
| <b>VulneraScan – AI-Assisted Web Vulnerability Scanner</b> | 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.
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|---|------|
| <b>FNDP – AI-powered Fake News Detector</b> | 2025 |
| • <i>fndp-frontend.vercel.app</i>           |      |
- 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.
- |  |      |
|--|------|
| <b>AyuTrace – Blockchain-powered Herb Traceability</b> | 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.
- **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: