

YASH HARFODE

B.Tech CSE (Cybersecurity) Student • Full-Stack Developer & Problem Solver

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EDUCATION

Samrat Ashok Technological Institute (SATI) — Vidisha, MP

Bachelor of Technology in Computer Science & Engineering (Cybersecurity) | Expected 2029

- Active participant in campus technical coding & cybersecurity activities; practicing DSA fundamentals.

Class XII (Senior Secondary) — State Board | Score: 80.6% (Silver Medalist)

Class X (Secondary School) — State Board | Score: 89.8% (Board Merit Topper, Top 5%)

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, C/C++

Frontend: React.js, Modern CSS, Responsive Design, Three.js, GSAP

Backend & APIs: Node.js, Express.js, RESTful APIs, Cloudflare Workers

Security Awareness: OWASP Top 10 Basics, Nmap, Burp Suite, LLM Prompt Injection Defense

Developer Tools: Git, GitHub, VS Code, Postman, Linux Terminal

Core Disciplines: Data Structures & Algorithms (LeetCode), Problem Solving, Object-Oriented Logic

FEATURED PROJECTS

NyayaAI — AI-Powered Legal Operating System for India | *Next.js, React, TypeScript, Firebase, AI APIs*

Live: nyaya-ai-official.vercel.app | Code: github.com/yashharfode/Nyaya-AI

- Architected an AI-powered legal assistance platform helping Indian citizens understand legal issues and analyze documents.
- Built bilingual assistance (English, Hindi, Hinglish), voice-based issue input via Web Speech API, and legal notice drafting.
- Implemented document risk inspection, citizen-rights education workflows, and direct court/e-filing navigators.

Scoutly — Autonomous AI Browser Agent for Student Opportunities | *React, TypeScript, Node.js, Express, Playwright*

Repository: github.com/yashharfode/Scoutly

- Engineered an autonomous AI browser agent scouting 11+ live student platforms (Unstop, Wellfound, AICTE, Greenhouse, Lever).
- Integrated headed Playwright Chromium automation with a Human-in-the-Loop Cockpit ensuring student approval before submission.
- Implemented profile-grounded AI answer synthesis, adaptive preference memory, and automated DOM form field extraction.

Prompt Defender — AI Prompt Injection & Security Analysis Engine | *Python, LLM Security*

Repository: github.com/yashharfode/Prompt-Defender

- Developed a cybersecurity analysis tool identifying prompt injection risks, jailbreaking attempts, and data exfiltration patterns.
- Built rule-based heuristic token scanning classifying input threats (High/Medium/Low) and demonstrating prompt hardening defenses.

NivaranAI — Pre-Consultation Voice-to-SOAP Healthcare Assistant | *React.js, Node.js, AI APIs*

Live Demo: nivananai10.tanyagarg5315.workers.dev | Code: github.com/yashharfode/NivaranAI-...

- Built voice-enabled pre-consultation tool converting multilingual speech into structured SOAP notes for clinical review.

EXPERIENCE & INDUSTRY SIMULATIONS

Web Development & UI/UX Design Intern — InAmigos Foundation (June 7–21, 2026)

- Built responsive web interfaces using HTML5, CSS3, and JavaScript, ensuring cross-device performance and semantic design.
- Conducted UI/UX audits to improve usability, explored AI-assisted development tools, and designed modern user-focused interfaces in Figma.

Cybersecurity Job Simulation — Mastercard (via Forage) (Aug 13, 2026)

- Completed virtual job simulation tasks for Mastercard: designed a phishing email simulation and interpreted simulation assessment results (Certificate of Completion).

AIG Shields Up — Cybersecurity Job Simulation — New York Jobs CEO Council & AIG (via Forage) (Feb 2025)

- Investigated a simulated ransomware attack, performed root-cause vulnerability analysis, and authored technical remediation briefs.

ANZ Cyber Security — Cyber Job Simulation — Forage (Feb 2025)

- Analyzed packet capture (PCAP) network traffic and scrutinized suspicious phishing emails to pinpoint potential threat vectors.

Tata Security Analyst — Cybersecurity Job Simulation — Forage (Feb 2025)

- Conducted Identity and Access Management (IAM) analysis and drafted access control alignment documentation for enterprise security compliance.

PROBLEM SOLVING & COMMUNITY

- LeetCode: Active practice solving Data Structures and Algorithms problems (Arrays, Two Pointers, Strings, Linked Lists). Profile: leetcode.com/yashharfode

- GitHub: Maintained 40+ public repositories including open-source experiments, community initiatives (Devlynix), and hackathon prototypes. Profile: github.com/yashharfode