

SPARSH SHARMA

Product & UI/UX Engineer | AI-Assisted Design | IoT Systems

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CAREER SUMMARY:

Solution-oriented Product & UI/UX Engineer with hands-on experience delivering real-world web and IoT solutions. Proven track record of building end-to-end frontend projects, developing IoT prototypes, and collaborating in defense-grade environments to solve practical, mission-critical problems.

WORK EXPERIENCE:

IoT Engineer Intern

509 Army Base Workshop (Indian Army) | June 2025 – July 2025

- Designed and developed an IoT-based prototype for paratroopers, focused on real-time monitoring and operational safety.
- Worked with sensors, microcontrollers, and embedded systems in a defense-grade technical environment.
- Assisted officers and engineers in testing, calibration, and performance validation of IoT hardware systems.
- Gained hands-on exposure to mission-critical systems, documentation standards, and disciplined engineering workflows.
- Successfully completed training and evaluation, certified by 509 Army Base Workshop.

RELEVANT PROJECTS:

Frontend Web Developer (Contract & Project-Based)

Magh Mela Website | New Defence Public School Website | Personal Portfolio

- <https://magh-mela.pages.dev/> — Designed and delivered a public-facing frontend website for Magh Mela with responsive layouts, intuitive navigation, and UI/UX best practices to support high user engagement and accessibility.
- <https://new-defence-public-school.pages.dev/> — Developed a complete frontend website for an educational institution, focusing on clean design, structured content presentation, and cross-device compatibility for students, parents, and staff.
- <https://portfolio-216.pages.dev/> — Designed and built a personal portfolio website to professionally showcase projects, skills, and experience using modern UI/UX principles, performance optimization, and cloud deployment.

EDUCATION:

Bachelor of Technology (B.Tech) – Computer Science & Engineering (AI/ML & IIoT)

GLA University, Mathura | 2023 – 2027

SKILLS:

- Frontend Web Development & UI/UX Design
- Responsive Design & Performance Optimization
- Figma (Intermediate) & AI-Assisted Web Design
- IoT Systems & Embedded Prototyping
- Cloud Deployment (Cloudflare Pages)
- Git/GitHub & Technical Documentation