Manish Prasad Gupta

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Summary

Passionate Software Developer with hands-on experience in full-stack web development using Next.js, React.js,and Node.js. Proficient in TypeScript, JavaScript, PostgreSQL, and MongoDB. Strong foundation in Data Structures & Algorithms(DSA), Database Management Systems (DBMS), and Operating Systems. Looking for opportunities to leverage my problem-solving skills and development expertise in a dynamic environment.

Education

National Institute Of Technology Meghalaya, B.Tech in Computer Science — Nov 2022 – May 2026

- GPA: 8.20/10.0 | **Transcript**
- **Coursework:** C Programming, Data Structures & Algorithms (DSA), Database Management Systems (DBMS).Object-Oriented Programming (OOPs), Computer Networks (CNs), Operating Systems (OS), Software Engineering, Cryptography and Network Security.

Experience

Cybersecurity Intern, – Centre for Development of Advanced Computing (CDAC), Noida | Link — May 2024 – June 2024

- Conducted 30+ network vulnerability assessments using Nmap and Nessus, identifying critical security loopholes and misconfigurations in company's external infrastructure; reduced potential attack surface by 15%.

Achievements & Certifications

- **Second Runner-up in Capture the Flag (CTF)** - NIT Meghalaya | Link — Nov 2024

Projects

Full-Stack Website (E-Commerce) — Repo | Live

- A scalable full-stack e-commerce platform built with Next.js, TypeScript, and MongoDB.
- To create a real-world application capable of handling high traffic and improving user experience.
- Implemented server-side rendering, optimized MongoDB queries, and UI enhancements to boost performance.

Full-Stack Website (Ananymous-Feedback) — Repo | Live

- A full-stack web app that collects anonymous user feedback using Next.js, TypeScript, and Node.js.
- To offer a safe space for honest feedback without compromising user identity.
- Built secure backend routes and used ShadCN UI with React hooks for a responsive, modern interface.

Frontend Application — Repo | Live

- A responsive frontend-only project built using Next.js, JavaScript, and Aceternity UI.
- To showcase clean UI design and frontend development skills.
- Styled with Tailwind CSS and animated with Aceternity UI for a sleek, modern look.

Skills

Languages: C, C++, Python, JavaScript, TypeScript

Frameworks & Technologies: Next.js, React.js, Node.js, Vite, Tailwind CSS

Databases: PostgreSQL, MongoDB, Firebase

Software & Tools: : Git, GitHub, VS Code, Docker, Google Cloud Platform (GCP), Figma

Cybersecurity: :Burp Suite, Wireshark, Nmap, Metasploit, John the Ripper, Hashcat, Linux CLI, OWASP Top 10, Network Security, Web Application Security

Soft Skills

- Problem-solving | Adaptability | Teamwork | Communication | Ethical Mindset