

# GAURAV SINGH

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## PROFESSIONAL SUMMARY

Full-stack developer with hands-on experience building modern web applications using React.js, Next.js, and backend APIs with Python and JavaScript. Strong foundation in data structures, problem-solving, and secure application design through real-world projects including resume builders and vulnerability assessment tools. Focused on writing clean, scalable code and continuously improving system performance and reliability.

## EXPERIENCE

### Infosys Springboard Internship | Project Intern

Dec 2025 — Present

- Collaborating on an AI Research Paper Summary tool using industrial-scale full-stack architecture.
- Optimizing development speed by integrating Generative AI for code refactoring and documentation

### Content & Social Media Intern

Sep 2022 — Mar 2023

- Created captions, scheduled posts, and tracked performance using platform insights and basic analytics
- Wrote SEO-optimized content for blog features to support social media campaigns and improve visibility.
- Collaborated with designers and photographers to align content with the brand's visual identity.

### Search Engine Optimization Intern | Global Trend

Oct 2025 — Dec 2025

- Executed on-page and off-page SEO strategies to improve organic search rankings.
- Conducted keyword research and competitor analysis to drive high-quality web traffic.

## EDUCATION

### B.Tech in Computer Science and Engineering

2022 — 2026

IILM University, Greater Noida

GPA: 7.22 / 10.0

## TECHNICAL SKILLS

**Web Development:** HTML, CSS, JavaScript, React.js, REST API

**Database & Tools:** MongoDB, SQL, Git, GitHub, Postman, Vercel

**Cybersecurity Tools:** Nmap, Burp Suite, Wireshark, Metasploit, John the Ripper

## PROJECTS

### AI-Based Resume Builder

Feb 2025 – Mar 2025

Next.js, React, Tailwind CSS

- Designed clean UI using Next.js & Tailwind
- Implemented dynamic sections using JSON
- Deployed on Vercel

### Steganography Tool

Feb 2024 – Mar 2024

Python, Tkinter

- Developed a tool to hide and extract secret messages in images using the LSB technique.
- Created a GUI with Tkinter and added encryption for data protection.

### Digital Trip Wire (Python / Cybersecurity)

Python, Flask, Tailwind

- Engineered a full-stack security solution using Python and React to deploy and monitor "honeytokens" (digital bait).
- Implemented a Python-based listener to capture real-time intruder metadata upon interaction with deceptive assets.
- Developed a high-fidelity React dashboard for real-time visualization of security alerts and intruder tracking.

## CERTIFICATIONS

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- Full Stack Developer Bootcamp — GeeksforGeek | Jan 2025
- MongoDB Basic — MongoDB University | Aug 2024
- Generative AI — Infosys Springboard | Mar 2024

## ACHIEVEMENTS

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- Finalist – Chandigarh Cyberthon.AI 2025 (National Level).
- CTF Participant – PENTATHON 2025: Secured All-India Rank 354 in Capture The Flag challenges .
- Winner – Poster Presentation (2024): Awarded 1st place by Institute Innovation Council (IIC).