

GARV SINGAL

SOFTWARE DEVELOPER

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PROFILE SUMMARY

Motivated B.Tech Computer Science (Data Science) student with strong foundations in frontend development, programming, and database systems. Experienced in developing responsive web applications and building AI-based security solutions, including a dynamic firewall prototype during C-DAC Bootcamp. Passionate about problem-solving, scalable system design, and writing clean, efficient code for real-world applications.

SKILLS

Programming Languages : Python, C/C++, JavaScript

Web Development : HTML5, CSS3, JS, React, Flask

Database : PostgreSQL, MongoDB

UI/UX : Figma, Canva, Responsive Design

EDUCATION

Bachelor of Technology in Computer Science and Engineering - Data Science

University School of Information, Communication & Technology (GGSIPU)

2024 – 2028 (Expected) | CGPA: 9.04

Class XII (CBSE) | 2024 | 90.6%

Class X (CBSE) | 2022 | 96.6%

PROJECT

Personal Portfolio Website

Live: <https://grvsingal-portfolio.netlify.app/>

- Developed a responsive portfolio website with modular structure and clean UI design.
- Optimized performance, layout responsiveness, and cross-browser compatibility.
- Deployed via Netlify with GitHub integration for CI-based automatic deployment.
- Implemented Netlify Forms for contact handling and structured project repository following best practices.
- Tech Stack :** HTML, CSS, JavaScript, Netlify, GitHub

EXPERIENCE

C-DAC Cyber Security Bootcamp

AI/ML Engineer | Aug 2025 | 5 Days

- Developed a dynamic firewall prototype with automated port shifting and anomaly-based traffic detection.
- Implemented a Flask-based honeypot to redirect and log suspicious activities.
- Built an interactive dashboard for real-time threat monitoring and severity classification.
- Applied pattern-based detection techniques to identify port scans, traffic spikes, and attack behaviors.

ACHIEVEMENTS

- C-DAC Cyber Security Bootcamp 2025, Winner
- Smart India Hackathon 2024, Internal Round Qualifier
- Postman Student Expert 2024 – API Development Certification