Naman Sharma

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Education

VIT Bhopal University *Expected May 2026*
B.Tech in Computer Science and Engineering   GPA: 8.36/10

MPS International, Jaipur 2021
12th CBSE 79.6%
10th CBSE 87.4%

Skills

Programming: Python, C++, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: Flask, Pandas, NumPy, TensorFlow, Scikit-learn
Databases: SQLite, basic SQL optimization
Tools: Git, Postman, Wireshark, VS Code, Excel
Concepts: Data Structures & Algorithms, OOP, Software Security
Cloud: AWS basics (EC2, S3, deployment)

Projects

Cybersecurity Toolkit   GitHub

- Developed a modular Python toolkit automating reconnaissance tasks such as port scanning and directory enumeration.
- Integrated external tools with parsers to generate actionable vulnerability reports.
- Designed an extensible architecture to support future modules for security analysis.

URL Shortener Web App   GitHub

- Built a RESTful Flask API with SQLite backend for URL shortening and redirection.
- Added duplicate detection, analytics, and usage history tracking.
- Designed a responsive Bootstrap frontend with AJAX for smooth interaction.

Portfolio Website   GitHub

- Created and deployed a personal website to showcase projects, skills, and certifications.
- Implemented responsive UI with HTML, CSS, and JavaScript; hosted with GitHub Pages.

Temperature Converter   GitHub

- Built a web-based temperature converter using HTML, CSS, and JavaScript with live conversion across Celsius, Fahrenheit, and Kelvin.
- Implemented input validation, unit selection, and clear error states for a smooth user experience.
- Designed a responsive layout with clean components suitable for mobile and desktop.

Certifications

Certified Ethical Hacker (CEH v12) — EC-Council
Bits and Bytes of Computer Networking — Coursera
Blockchain Fundamentals - IBM