

Sachin Soni

Ph.D. Scholar | Cybersecurity & Computer Science Faculty
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Summary

Ph.D. scholar with expertise in Python programming, cybersecurity, and backend systems. Experienced in teaching BCA and B.Tech students and mentoring them in practical software development and cybersecurity concepts.

Projects

Healthcare Data Archiving System

- Developed automated healthcare data archiving using Python and automation tools.
- Implemented secure database storage and optimized data processing workflows.

Kernel - Resource Management System

- Developed modules for project tracking, employee management, and resource allocation.
- Improved system efficiency by optimizing the resource allocation process.

QRGuard – Malicious QR Code Detection System

- Developed a cybersecurity tool to detect malicious QR codes and phishing links.
- Integrated URL analysis and threat detection APIs, Provided real-time alerts for suspicious QR content.

Experience

CollegeDekho – Teaching Assignment at Sigma University

Vadodara, India
08/2025 - Present

- Deliver lectures and conduct lab sessions for **BCA and B.Tech students** in programming and cybersecurity fundamentals.
- Guide students in academic projects and practical implementation of software development concepts.

Sunflower Lab - We build custom software for any device and platform

Vadodara, Gujarat
02/2023 - 04/2024

- Developed backend systems and automation tools using Python.
- Built scalable APIs and improved application performance.

Strengths

 Teaching & Student Mentorship Strong interest in teaching programming, cybersecurity, and core computer science subjects.	 Industry-Oriented Teaching Ability to integrate real-world development experience into academic curriculum.	 Cybersecurity Focus Experience in developing security-focused applications and threat detection systems.
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Education

Parul University Ph.D. (IT & CS) – Pursuing	Vadodara, India 2026 - Present
CHANDIGARH UNIVERSITY Masters of Computer Applications	Chandigarh 2023 - 2025
CHANDIGARH UNIVERSITY Bachelor of Computer Applications (BCA)	Chandiigarh 2019 - 2022

Skills

Database Management Systems • Python • Cybersecurity Fundamentals • Web Technologies • REST APIs • Pandas • Scripting & Automation • PostgreSQL • MongoDB • Git/GitHub • Docker • HTML

Languages

English Native ●●●●● Hindi Proficient ●●●●●