SOHAM MARATHE

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Objective

I am an Electronics & Computer Science Engineering student who enjoys building projects and learning through practical work. I like exploring new technologies and understanding how systems and software function in real-world use. I am currently expanding my knowledge in cybersecurity and enjoy learning how to secure digital systems and apply best practices in the field.

Education

Bachelor of Engineering in Electronics and Computer Science 2023–2027
Fr. Conceicao Rodrigues College of Engineering, Mumbai

Higher Secondary Certificate (HSC) 2021–2023
Nirmala Memorial Foundation College

Secondary School Certificate (SSC) 2009–2021
Thakur Vidya Mandir High School Junior College

Technical Skills

Frontend: JavaScript, ReactJS
Backend: Node.js, TypeScript
Database: MongoDB, Firebase
Cybersecurity: Ethical Hacking, Cryptography
Programming: C,Java,Python

Projects

PwdGuard —Password Security Management Tool
PwdGuard is a cybersecurity application that checks password strength, detects breach exposure, and generates secure passwords.It includes a desktop app for password management and a Chrome extension that auto-saves and auto-fills login credentials across websites.Designed to improve user security and convenience by securely handling and organizing authentication data.

GhostESP — Wireless Security Testing Firmware
GhostESP transforms an ESP32 into a high-performance wireless analysis and testing platform. It performs Wi-Fi and BLE scanning, packet monitoring, signal mapping, and controlled vulnerability testing for ethical security research and network hardening.

VibeTribe – Social Media Website
A real-time social media platform allowing users to share posts, chat, and interact with a modern and responsive UI. Includes authentication, real-time messaging, and personalized profiles.

PomodoRoom – Productivity Web App
A productivity tool based on the Pomodoro Technique. Helps users organize tasks, track focus cycles, and build discipline with analytics and a clean UI for distraction-free working.

Achievements

Secured #40 out of 1700 participants in **Hacker's Gambit – OWASP National Level CTF**.