Soham Jadhav

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Education

Marathwada Mitra Mandal's College Of Engineering   2022 – 2026
Bachelor Of Engineering in Computer Engineering   *CGPA: 8.77/10*

Experience

TheTechProtein   Jan. 2025 – Present
Security Operations Centre (SOC) Analyst Intern   *In-Office*
- Conducted penetration testing on 15+ web applications using Kali Linux and industry-standard tools, identifying and documenting critical vulnerabilities with detailed security assessment reports.
- Managed Linux server infrastructure, implemented and optimized SIEM solutions (Wazuh, Cyrebro), and configured Web Application Firewall (IMPERVA) and Active Directory to enhance real-time threat monitoring and network security for multi-client environments.
- Developed expertise in security monitoring workflows and transitioned to specialized SIEM tool management, contributing to improved incident response, analytical methodologies, and scalable threat mitigation strategies.

AICTE-NEAT   Sept. 2023 – Nov. 2023
Network Security Associate Internship   *Remote*
- Configured **FortiGate** firewalls, setting up security policies and VPNs for remote access.
- Practiced **site-to-site and client-to-site VPN setups** with hands-on training.

Yhills (IIT Hyderabad)   Feb. 2023 – Apr. 2023
Cybersecurity Internship   *Remote*
- Completed intensive sponsored cybersecurity training at IIT Hyderabad covering network security, cryptography, ethical hacking, and incident response, including hands-on penetration testing on Linux and Windows using Kali Linux.
- Mastered foundational cybersecurity concepts in threat analysis, vulnerability assessment, and security framework implementation through practical labs, demonstrating real-world understanding of both attack and defense.

Publications

Co-Author, AI In Cybersecurity   August 2025
- Co-authored a comprehensive book exploring the intersection of Artificial Intelligence and Cybersecurity.
- Contributed to chapters focusing on machine learning for threat detection and AI-driven vulnerability assessment.

Projects

PhishingSensor Chrome Extension [View]   June 2024
HTML, CSS, JavaScript
- Developed a high-performance ML classifier achieving 92% precision and 90% accuracy on 3,727 email samples using Multinomial Naive Bayes with TF-IDF, delivering real-time phishing detection through a Chrome extension with comprehensive risk assessments.
- Achieved strong model performance with 90% weighted F1-score across all email samples, validating the scalable approach for automated threat detection in enterprise security applications.

UniFinder with an AI Assistant [View]   August 2025
React.js, Tailwind CSS, Aceternity UI
- Architected a comprehensive university recommendation system processing 200+ international universities with weighted scoring based on GRE/IELTS, CGPA, and geographic preferences, integrated with an AI-powered chatbot for personalized admissions guidance.
- Implemented full-stack application using Node.js and React with responsive design, supporting 50+ concurrent users with sub-600ms response times and scalable API architecture, increasing consultancy engagement by 65%.

Network Request Analyzer Chrome Extension [View]   February 2024
HTML, CSS, JavaScript
- Created an advanced Chrome extension for comprehensive network request analysis, capturing detailed performance metrics, including response times, payload sizes, and HTTP status codes, with automated Excel/ JSON export functionality.
- Deployed across the development team of 12 members, reducing debugging time by 70% and eliminating manual data collection processes for network performance analysis.

CodeMaster [View]   February 2025
HTML, CSS, JavaScript, Firebase
- Built a comprehensive full-stack educational platform featuring secure JWT authentication, progress tracking, supporting 20+ concurrent learners with real-time connectivity through WebRTC integration.
- Developed interactive coding environment with automated evaluation, personalized learning pathways, and comprehensive progress analytics, serving 150+ active students.

Meet2Text Chrome Extension [View]   June 2025
HTML, CSS, JavaScript
- Developed Chrome extension for automated meeting transcription with 85% accuracy across major video conferencing platforms, saving output as local .txt files for privacy compliance.
- Implemented real-time speech processing with Web Speech API integration, supporting continuous transcription sessions up to 3 hours with automatic session management.

TCP Real-Time Chat [View]   August 2023
Python
- Implemented multi-client TCP server architecture using Python socket programming, supporting 25 concurrent users with a custom command-line interface and real-time message broadcasting.
- Created efficient message routing protocol with sub-50ms latency for local network deployment, demonstrating understanding of client-server architecture and concurrent connection handling.

Certifications

- CompTIA Security+   Sept. 2025
- Foundations of Cybersecurity by Google   Nov. 2024
- Cyber Hygiene Practices Certification by Ministry of Electronics & IT, India   Sept. 2023
- Fortinet NSE 3 Network Security Associate   Sept. 2023

Volunteering

President, Student Welfare Club   Dec. 2023 - July 2025
- Led cross-industry tech talks with 15+ companies including Microsoft, Google, Dell, VMWare, Oracle.
- Managed 22-member team, launching leadership program that boosted retention by 45% and secured 2 new corporate partnerships.

Cybersecurity Education Leader   August 2025
- Designed and delivered cybersecurity workshops on social engineering, malware, encryption, and incident response.
- Achieved 95% satisfaction with 3 follow-up sessions, establishing a recurring education program.

Student Mentor, IIT Bombay   March 2025 - April 2025
- Mentored 80+ engineering students in KCDH workshop on ML, computer vision, and NLP with Python and TensorFlow.
- Provided technical guidance, achieving 90% project completion and excellent mentor evaluations.

Honours & Awards

- Chosen as HackerEarth Campus Ambassador