

Sanjay Kohli

Computer Science Student

Dynamic Computer Science student with a focus on cybersecurity and full-stack development. Experienced in developing web applications and conducting research on cyber threats. Proficient in Python, JavaScript, and security tools. Adept at applying Agile methodologies to manage projects and drive technological innovation.

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🐙 github.com/sanjaykohli

EDUCATION

B.Tech in Computer Science NIIT UNIVERSITY

07/2021 - Present

Neemrana

Research Work

- TRWI: Optimized Genetic Algorithms for cancelable biometrics Authentication, enhancing security and privacy.
- R&D: Analyzed file properties to find key differences between non-malicious and ransomware files.

Secondary and Higher Secondary DAV PUBLIC SCHOOL

06/2007 - 06/2021

Faridabad

EXPERIENCE

Content Writer Digi-tx

08/2024 - Present

Remote

Tasks

- Collaborated with an SEO specialist and graphic designer to create blogs and LinkedIn posts for cybersecurity and virtual assistant clients.
- Delivered optimized content to boost client visibility and engagement, following the Scrum framework.

Project Lead ExoSystems

07/2024 - 08/2024

Remote

Creating P2P commerce applications

Tasks

- Led Nuxt.js web app development with GitHub, applying Agile methodologies for effective project management.
- Developed and maintain 'exosystems.net' using Nuxt.js for optimal performance.
- Created LinkedIn job posts to recruit interns, offering valuable professional experience and using Agile principles for process improvements.

Web Developer Intern AD Infocom

06/2024 - 07/2024

Remote

Tasks

- Gained practical skills in development technologies through online resources.
- Designed and implemented a static, user-friendly restaurant site showcasing web development skills.

TECHNICAL SKILLS

Python

JavaScript

C++

MongoDB

GCP

Git/Github

WireShark

Nmap

Nessus

Metagoofil

Cryptography

PROJECTS

DoS Protection System

- Developed a Python script to limit request rates, mitigating DoS attacks on a web server.
- Implemented rate limiting in Flask to prevent abuse and ensure server stability.
- Enhanced web server security by tracking and controlling IP request rates.

Encryption-Decryption Tool

- Developed a web-based tool for encrypting and decrypting text using AES, RSA, and the Vigenère Cipher.
- Implemented a user-friendly interface with features like one-click copy and a dark theme for enhanced usability.
- Utilized HTML, CSS, JavaScript, CryptoJS, and Node-Forge to enable secure and flexible encryption operations.

EXTRA-CURRICULAR ACTIVITIES

- Chess Club Coordinator of NIIT UNIVERSITY
- Member of the Student Affairs Committee
- Volunteer at IngeNUity, cultural fest of NIIT UNIVERSITY

CERTIFICATES

DSA Self-paced

by GeeksforGeeks

Cybersecurity Essentials

by Cisco Networking Academy

Networking Essentials

by Cisco Networking Academy

Cybersecurity for Everyone

by University of Maryland, Coursera

Build Your Generative AI Productivity Skills

by LinkedIn Learning