

Manjil Katuwal

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Why should you hire me as a Cybersecurity Engineer (Junior Officer)?

- Started my cybersecurity journey in 2023, learning through real-world challenges, submitting 25+ bug reports, and building tools like a "40+ vulnerability scanner".
- Worked as IT Engineer at Udaan Agencies, managing full-stack platforms with secure, automated workflows, and gained experience in API security and agile development.
- Skilled in Python, PHP, JavaScript, SQL, cybersecurity tools, cloud platforms, and built projects including e-commerce platforms, admin systems, keylogger detection, and ransomware traffic monitoring.

PROFESSIONAL EXPERIENCE

Head of Information Technology Engineer

Udaan Agencies · Full-time · Jan 2025- Present

- Designed and managed the full-stack web platform (Udaan Agencies), enhancing user experience, automating workflows, and ensuring 99% uptime with secure IT operations.

BackEnd Developer

Astral techsoft · (Internship) · Jun 2023 - Jan2024

- Strengthened expertise in MVC architecture, API security, Git/GitHub, agile workflows, and responsive web design.

Chief Executive Officer (CEO) – Bootstrap Startup

Manzil Chemical · (Full-Time) · Nov 2021 - Dec 2024

- Founded and lead Manjil Chemical Udyog, overseeing product development, marketing, and sales of household and industrial cleaning solutions.

CERTIFICATION

- Multicloud Network Associate - Aviatrix (Sep 2025 – Sep 2028)
- Certified AppSec Practitioner (CAP) - The SecOps Group (Mar 2025)
- Certified Ethical Hacking & Penetration Tester (CEHPT) - CyberLand Sec (Mar 2025)
- Diploma in Ethical Hacking - Alison (Mar 2025)
- Cloud Infrastructure 2025 Generative AI Professional - Oracle University (Oct 2025)
- Cloud Infrastructure 2025 Networking Professional - Oracle University (Oct 2025)
- Analytics Cloud 2025 Certified Cloud Professional - Oracle University (Oct 2025)

PROJECTS

Completed Projects

E-Commerce Platform – Professional Full-Stack Project

- Secure, scalable e-commerce platform with full-stack and responsive UI.

Uddaan Consultancy – Enterprise Admin System

- Job consultancy system with admin controls, analytics, and security.

Vulnerability Scanner System

- Python tool detecting 40+ web, network, and API vulnerabilities.

Ongoing Projects

Keylogger Detection & Monitoring System

- A real time security tool to detect and prevent keylogging attacks, protecting sensitive user inputs.

Expected Completion: Oct 2025

Ransomware Traffic Detector System

- Monitors and blocks malicious network traffic to safeguard endpoints from ransomware threats.

Expected Completion: Nov 2025

Secure AI-Powered Threat Analytics Cloud

- Developing a cloud-based system that leverages AI to detect, analyze, and report cybersecurity threats in real time.

Expected Completion: Jan 2026

Education

Diploma in Information Technology (Computer Software Engineering)

2022 Sep - 2025 Aug

- 3-year program, Mechinagar Polytechnic Institute

Secondary Education – Major in Accounting and Economics

2022 June

- (Grades 9–10), Dhulabari High School

Technical Skills

- Programming Languages:** Python · PHP · JavaScript · Bash · SQL · TypeScript
- Security & Pentesting:** Nmap · OWASP ZAP · Burp Suite · Nikto · Nessus · SQLMap · DirBuster · Metasploit · Wireshark · Snort · OpenVAS · SAST/DAST basics
- Cloud & Infrastructure:** Oracle OCI (practical) · Linux administration · Nginx · Firebase
- Databases & Backend:** MySQL · MongoDB · SQLite · MariaDB · Flask · Laravel · REST APIs · Postman · GraphQL

Achievements

- Completed 324 TryHackMe rooms, earned 34 badges, ranked in top 1% globally.
- Cybersecurity Blogging & Write-ups: Authored detailed guides on API security, OWASP vulnerabilities, CTF walkthroughs, and vulnerability scanning projects on Medium and InfoSec platforms, enhancing community knowledge.
- Hands-on experience in API security testing, server-side request forgery, misconfigurations, and business flow access control through blogs and research.