

## RUSHIKESH PATIL

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A cybersecurity graduate with knowledge of information security, network protocols, network security, troubleshooting, and system administration. Seeking full time position as **Trade Support Engineer**.

### EXPERIENCE

#### Teaching Assistant, Database Security

Jan 2024 – May 2024

Illinois Institute of Technology

- Collaborated with students, professor and TA to held and led a hands-on workshop on Docker, SQL server on Linux and SQL queries about database hardening for over 20 students.
- Troubleshooted queries, triage and issues related to web application security topics, assignments grading and course access and create documentation to prevent future issues.
- Developed comprehensive reviews and delivered detailed feedback on over 35 students projects. Ensured a thorough understanding of course content, improving average test scores by 25%.

#### Penetration Tester, Vulnerability Assessment and Control

Aug 2023 – Dec 2023

Illinois Institute of Technology

- Conducted network reconnaissance and vulnerability scanning, security assessment on ACME Coffee Co's IT infrastructure, uncovering 6 open ports.
- Assessed the risks and demonstrated the urgent need for Multi-factor Authentication (MFA), Intrusion Detection System (IDS) and enabling security controls to reduce vulnerability to similar attacks by 40%.
- Documented and delivered findings in 20-page technical documentation that prioritized adoption of remediation strategies and disaster recovery plans for the company.

### EDUCATION

#### Master of Science (MS), Cyber Forensics and Security

Aug 2022- May 2024

Illinois Institute of Technology, Chicago IL.

- Led 2 Person software testing team on OSINT project about job postings crawled from LinkedIn, indeed.

### SKILLS

**Security:** BurpSuite, Wireshark, Nmap, Metasploit, JohnTheRipper, Hashcat, OKTA, SIEM, MDM, SSO, SAML.

**Programming Languages:** SQL, Python, HTML, Bash, R, PowerShell, Scripting.

**Operating Systems:** Windows 10 OS, Linux (Kali, Ubuntu), MacOS, Windows Server, iOS, Android.

**Tools & Technologies:** Google workspace, Office 365, Splunk, Active Directory, Azure, AWS, Zoom, Endpoint Management, Automation, DHCP, DNS, Log Analysis, Slack, HIPAA, Teams, Technical Support, Virtualization.

**Certifications:** Google IT Support Professional, Microsoft Cybersecurity Analyst Professional, Google Cybersecurity Professional, Certified Information Security & Ethical Hacking.

### PROJECTS

#### GRC Analysis:

- Conducted security audits on IT Infrastructure and IT security policies, including firewalls, access management, user authentication and security compliance.
- Analyzed potential gaps in existing systems and documented actionable remediation; implemented changes that strengthened user data protection processes while reducing future security risks by 30%.

#### Data Analysis:

- Analyzed and defined key performance indicators that streamlined the listing process for used cars.
- Developed suite of data visualizations in R, enhancing user comprehension and interpretation of results.