PIYUSH KUMAR

Cyber Security Researcher | Penetration Testing | Cloud Technology | Leadership

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PROFESSIONAL PROFILE

I am an enthusiastic research professional in cybersecurity, always focusing on Penetration Testing. Highly accomplished in IT project management, technical writing, and original research. Proficient in leading cross-functional teams and maximizing project efficiency. Extensive experience in innovative problem-solving, leadership, and resource management. I am eager to put my skills into practice, at a minimum, protecting the company's operations center. However, it strengthened the company's cyber defense strategies over time. Excited about incorporating technology into company operations, guarding the organization's assets, and ensuring privacy safeguards for data.

SKILLS

Project Management	Amazon Web Service	SQL
Leadership	Problem-solving	SIEM TOOLS
Kali Linux	Python	Penetration Testing
Cloud Knowledge	C	Ethical Hacking

INTERNSHIP

Internship Studio   Remote
Amazon Web Service   06/2023 - 07/ 2023
INTERN

- **Creating and managing IAM users:** I established IAM users, assigned them secure passwords, and grouped them based on specific permissions aligned with company privacy policies. This ensured that users could only access the AWS resources required for their tasks.
- **Maintaining a secure and compliant environment:** I actively participated in maintaining a secure AWS environment by following best practices and adhering to company security protocols.

Gandhi Institute of Technology and Management   Bengaluru
Training & Competence Development   03/2024 - Present
INTERN

- Designed and executed upskilling programs for students, including hackathons, workshops, motivational talks, and alumni-led training sessions
- Developed hands-on learning opportunities, bridging the theory and practical application gap.
- Coordinated pre-interview rounds, equipping students with essential interview skills and boosting their confidence.
- Facilitated industry interaction by inviting HR professionals from various companies to conduct upskilling sessions, aligning student skillsets with current job market demands.

CERTIFICATIONS

Security Operation Center --- This Certificate was issued by "**CISCO-COURSERA**"
Google Cybersecurity (Specialization Certificate) --- This Certificate was issued by "**Coursera**"
Introduction to Cybersecurity --- This Certificate was issued by "**CISCO.**"

PROJECTS

➡ CYBERSECURITY CAPSTONE
   THIS PROJECT WAS COMPLETED WITH A COURSERA CERTIFICATE.

➡ SCRIPTING BASH SHELL
   Developed a set of Bash shell scripts to automate routine system administration tasks and improve efficiency.

EDUCATION

Gandhi Institute of Technology and Management   DODBALLAPUR, BENGALURU, INDIA

Bachelor's Degree in Electronics & Communication Engineering specializing in (AI&ML) - (8.7) CGPA   2021 - PRESENT

Narayana Junior College   HYDERABAD
INDIA

Intermediate High School - (92.3%)   2018 - 2020

LANGUAGES

English Proficient ●●●○○	Hindi Native ●●●●●	Telugu Beginner ●○○○○