

SANSKAR PANDIT

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WORK EXPERIENCE

FIS Global - Technical Support Representative II April 2024 - Present

American Express (Client) - IAM System Administrator

- Managed and implement IAM processes with the AMERICAN EXPRESS team, working with 26 IAM applications.
- Achieved a Quality Check (QC) score of 97.6% with a Cycle Time (CT) of 1.75 days while closing over 100+ service requests per month.
- Conducted comprehensive access reviews, audits, and compliance management activities.
- Provided mentorship and guidance to junior team members.

Cloud Engineer - (Freelance) Mar 2022 - Feb 2024

- The implementation of security controls—including encryption, **identity and access management** (IAM), and network security—is essential for mitigating the risks of breaches and data leaks.
- Additionally, we utilized **SQL database** tools and conducted risk assessments to identify vulnerabilities and potential threats within cloud environments.

PHDEngineers - Junior Cloud Security Analyst - (Full-time) Nov 2020 - Jan 2022

- Assist in monitoring security alerts and events within our cloud environments, escalating issues as necessary.
- Ensure that cloud configurations adhere to security best practices and company policies.
- Participate in regular security assessments and updates of the cloud infrastructure.
- Stay informed about emerging trends, threats, and best practices in **cloud security** by engaging in training, obtaining relevant certifications, and actively participating in team knowledge-sharing initiatives.

UpStack - Cloud Engineer Intern - (Full-time Internship) Mar 2020 - Aug 2020

- Assist in the **setup, configuration**, and maintenance of cloud infrastructure utilizing platforms such as AWS, Azure, or Google Cloud.
- Collaborate with senior engineers to develop, deploy, and monitor cloud applications and services.
- Facilitate infrastructure automation through scripting languages (e.g., Python, Bash) and **Infrastructure-as-Code** (IaC) tools such as Terraform or CloudFormation.
- Participate in **troubleshooting** and optimizing cloud resources to enhance cost efficiency, performance, and scalability.

EDUCATION

Master of Computer Applications in CyberSecurity and Blockchain July 2024 - Present
Manav Rachna International Institute Of Research And Studies

Diploma in Computer Networks and Cybersecurity 2023 - 2024
DUCAT Institute

Bachelor of Computer Applications 2020 - 2023
Jagan Institute of Management Studies (JIMS) Rohini

CORE SKILLS

Sailpoint IIQ • OKTA • Firewalls • Intrusion Detection/Prevention Systems (IDS/IPS) • SIEM solutions • VPNs
• VMWare • Kali Linux • Windows • Linux • MacOS • Built-in diagnostics • Security • TCP/IP • DNS •
SSL/TLS • Configuring secure networks • Wireshark • Nmap • Python • PowerShell • Bash •
SQL/PostgreSQL • Azure cloud • AWS • Databases Identity Access Management • Cloud Security
Architecture • Security Compliance

PROJECTS

XSSGUARDS

- Development of a web application designed to purify website URLs against Cross-Site Scripting (XSS) attacks.
- The project utilized HTML, CSS, and JavaScript.
- I conducted comprehensive research on various types of XSS attacks, including DOM-based, persistent, and reflective attacks, to formulate effective countermeasures.
- Additionally, I implemented the Advanced Encryption Standard (AES) encryption technique to bolster data protection and integrated two-factor authentication (2FA) to enhance security measures.

Intrusion Detection System

- Languages Utilized: Python
 - Designed and implemented a network traffic monitoring tool capable of capturing and analyzing packets in real time using Python.
 - Developed an intuitive dashboard with JavaScript to present real-time alerts, traffic statistics, and threat assessments. Configured automated alerting mechanisms to promptly notify administrators of suspicious activities and potential security breaches.
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CERTIFICATIONS

- Certified as a **Junior Cybersecurity Analyst by Cisco Skills For All Academy**.
 - Completed **Cisco Threat Management training** through **Cisco Networking Academy**.
 - Recognized for outstanding performance in **Cybersecurity Workshop** during **Cisco NetAcad and Network Bulls industrial visit**.
 - Certified By **AWS In DevOps & DevOps Tools**
 - Completed **Operating System Basics by Cisco Skills For All**.
 - Completed **Python Essentials 1 & 2** course through **Cisco Networking Academy**.
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AWARDS/ACTIVITIES

- Awarded for **Best Android Application Development Project**.
 - Certified and Awarded for **JIMS Echelon Magazine 2024**.
 - Certified by College Eco-Club for successfully **coordinating multiple events**.
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LANGUAGES

- Proficient in Hindi and English.
- Novice in German.