VISHWAJEET KULKARNI

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Data Scientist

Cybersecurity and Cloud Security professional with expertise in cloud security, IAM, digital forensics, and penetration testing.

Skilled in AWS, Google Cloud, and security risk assessments, with hands-on experience in cyber threat mitigation and compliance enforcement.

Passionate about securing cloud environments and strengthening cybersecurity frameworks.

WORK EXPERIENCE

DotC Technologies Pvt Ltd., India   **Nov 2021 - Aug 2022**
Trainee – Digital Forensics, Hyderabad
- Performed forensic investigations using ProDiscover, assisting in X+ cybersecurity cases for government and private organizations.
- Conducted security audits and data recovery for compromised systems, improving incident response time by X%.
- Analyzed malware threats, enhancing digital forensic capabilities through evidence acquisition.

National Payments Corporation of India (NPCI)
Cybersecurity Intern
- Conducted penetration testing on banking systems, identifying X vulnerabilities and proposing remediation strategies.
- Performed risk assessments, assisting in fraud detection analysis for financial security enhancements.

Exposys Data Labs, India   **Oct 2022 - Nov 2022**
IoT Developer Intern, Hyderabad
- Developed IoT security solutions for smart devices, focusing on network security & automation.

EDUCATION

New Jersey Institute of Technology (NJIT), Newark, United States, Master in Cybersecurity and Privacy
- Focus Areas: Cloud Security, Digital Forensics, Cyber Risk Management, Security Auditing

Neil Gogte Institute of Technology, Osmania University, Hyderabad, India, B.E. in Computer Science & Engineering, (GPA: CGPA: 6.77)

CERTIFICATIONS

AWS Cloud Practitioner Certification

Google Cloud Professional Certification

Certified Cybersecurity Course, IIIT Bangalore

Cybersecurity Training 4 Volumes, StationX

PROJECTS

AWS IAM Security & Access Control
- Analyzed AWS IAM best practices and implemented role-based access control (RBAC) & MFA.
- Presented security strategies, enhancing cloud access management compliance.

Global COVID-19 Crisis Analysis
- Analyzed COVID-19 case-fatality ratios & healthcare infrastructure using data visualization tools.

- Created interactive dashboards to demonstrate regional pandemic trends and public health intervention effectiveness.

Car Price Prediction (ML & Web Development)
- Developed a predictive model for car price estimation using Python & Flask.

Vehicle Speed Detection (ML & Image Processing)
- Built a real-time speed detection system using decision trees & image processing techniques.

Core Competencies

Technical Skills Cloud Security & IAM, Cybersecurity Tools, Programming & Development, OS & Databases
Data Analysis SQL
Problem Solving Security Incident Handling, Problem-Solving
Project Management Project Management

VOLUNTEER WORK & LEADERSHIP

Volunteer, Animal Welfare
Rescued and fed stray animals during COVID-19.

Co-Host
Organized a charity football match to support victims of Uttarakhand forest fires.