

Cybersecurity and Data Analyst with 3 years of experience in threat detection, data pipeline automation, cloud security (AWS, Azure), and technical troubleshooting. Skilled in delivering exceptional customer service, educating users on technology, and leveraging tools to optimize system performance and security. Proficient in Apple product repair processes, hardware/software diagnostics, and enhancing user experiences through effective communication and technical expertise

## SKILLS

**Programming/Software Tools:** Python, SQL, Database, R, React, JIRA, Microsoft Suite (Excel, Word), Tableau, Power BI

**Cloud Platform:** AWS (KMS, Kafka, Snowflake), GCP, Azure.

**Development Tools:** Docker, Kubernetes, DevOps, API, Jenkins,

**Data Manipulation:** ETL Pipeline, Data Processing, Machine Learning, Data Mining, Data Mapping, Data Modeling

**Networking Tools:** Wireshark, Nmap, NetFlow, Tcpdump, Cisco Packet Tracer, SolarWinds

**Cybersecurity Tools:** Splunk, Snort, Burp Suite, Metasploit, Nessus, Kali Linux, OpenVAS, AWS GuardDuty

**Certifications:** AWS Certified Cloud Practitioner, Cisco Certified Network Associate

## EXPERIENCE

**Associate Cyber Security and QA | Filmy AI LLC.** | New Jersey, United States **October 2024 -Present**

- Strengthened organizational security posture by implementing advanced threat detection and monitoring solutions using tools like **Splunk, LogRhythm, and Snort**, leading to **reduction in security breaches**
- **Strengthened network security** through **firewall configurations, intrusion detection systems, and proactive vulnerability assessments** using tools like **Nmap, Wireshark, and Burp Suite**, achieving **reduction in vulnerabilities**.
- Improved data protection mechanisms by leveraging **AWS Key Management Service (KMS)** and **AWS Certificate Manager (ACM)** to ensure secure encryption and data integrity.
- Designed real-time monitoring **dashboards** using Splunk to provide comprehensive insights into system health, user activity, and potential risks, enhancing operational transparency and efficiency

**Data and IT Security Analyst | Exchange IT** | New York, United States **August 2024 - October 2024**

- Automated data pipelines using **Python, SQL, Pandas, NumPy**, and **scikit-learn** to preprocess, clean, and analyze data
- Collaborated with cross-functional teams to design and **deploy scalable data solutions**, enhancing team productivity by 25%
- Utilized advanced statistical methods and **machine learning** algorithms to analyze large datasets, applying techniques such as **regression analysis, clustering, and time series forecasting** to identify patterns and uncover trends
- Enhanced product quality by creating data visualizations on **Tableau** to assist stakeholders, while demonstrating self-motivated leadership by driving performance through KPI tracking and fostering continuous improvement in a dynamic environment
- **Designed the UI/UX for the company website** using **qualitative and quantitative data**, ensuring an **intuitive user experience** through comprehensive **usability testing**

**Systems Engineer | Skyline Builders and Developers** | Pune, India **June 2020 - August 2022**

- Administered and optimized **50+ Linux/Windows servers** and **cloud infrastructure** (AWS, Azure), improving **system uptime** by **25%** through proactive monitoring and performance tuning.
- Provided technical support to employees utilizing Apple devices, including troubleshooting software issues, assisting with device setup and configuration, and resolving hardware malfunctions
- Automated **system maintenance** and **patch management** processes, reducing manual intervention by **30%**, enhancing operational efficiency.
- Secured **network infrastructure**, including **firewall configurations** and **VPN setups**, reducing vulnerabilities by **20%** and ensuring compliance with security protocols. Led the deployment of **enterprise software solutions** for **cross-functional teams**, improving system integration and performance, resulting in a **15% increase in team productivity**

## PROJECTS

**Serverless Web Application** **January 2024 - May 2024**

- Developed a serverless web application using **AWS Lambda, API Gateway, and DynamoDB** to handle high-traffic events for an e-commerce platform.
- **Achieved 99.99% uptime and reduced operational costs by 30% by eliminating traditional server infrastructure.**
- Implemented **AWS Cognito** for **user authentication** and **IAM roles** for role-based access control.

**Machine Learning Based Intrusion Detection Systems** **January 2024 - May 2024**

- Built an ML-based intrusion detection system **using Python, Scikit-learn, and AWS Sage maker** to identify abnormal behavior in network traffic
- Increased detection accuracy by **35%** over traditional methods and reduced false positives by **25%**.
- Conducted extensive testing and validation, ensuring real-world effectiveness and scalability for enterprise environments.

## EDUCATION

Master of Science in **Computer and Information Systems** | **Pace University** | New York, US | 3.91/4

**May 2024**

Bachelor of Engineering in **Computer Engineering** | **University of Pune** | Pune, India | 7.59/10

**July 2021**