

# SUYASH TIWARI

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## SUMMARY

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Final-year student with hands-on experience in cloud and cybersecurity operations, including Wazuh SIEM deployment, Kubernetes container orchestration, and log monitoring. Skilled in SIEM-based threat detection, security monitoring, and scripting abilities in Python and Bash. Eager to contribute to SOC, DevSecOps, and Cloud Engineer roles, leveraging practical knowledge of cloud platforms, Linux, networking, and security operations to enhance organizational security posture

## EDUCATION

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**Vishwakarma University** (GPA: 7.5/10)  
BTech in Computer Science Engineering  
2022-2026

## SKILLS

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Programming: Python, C/C++, SQL, Bash, JavaScript/HTML/CSS  
Cloud / Security Operations: Log Analysis, Kubernetes, Wazuh (SIEM), Monitoring & Alerting  
Databases / Cloud: MySQL, MongoDB, Firebase, AWS(Learning/Working On).  
Networking / Platforms: Nmap, Wireshark, Cisco Packet Tracer, Linux.

## WORK EXPERIENCE

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**Cloudaeon** [Present] Pune  
*Log Analyst*

- Monitored and analyzed high-volume system, application, and network logs to ensure the reliability and high availability of cloud-native platforms.

**Annual Day Event Management** Mar 2019 - Jan 2021

- Managed an OTP verification system for student entry validation.
- Automated OTP generation and delivery to ensure secure access.
- Coordinated with event organizers to manage technical execution.

## PROJECTS

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**Hybrid-Post-Quantum-File-Encryption** [Click to see](#)

- Built a CLI-based hybrid encryption system combining AES-256-GCM with a post-quantum (Kyber-style) key exchange design. Also Implemented Argon2-based key derivation and analyzed classical vs post-quantum cryptographic performance.

**Phishing Website Detector** [Click to see](#)

- Built a machine learning-based phishing website detection system using Python, Flask, and scikit-learn to classify URLs as phishing or legitimate. Implemented URL feature extraction and trained a supervised ML model, integrating it into a web interface for real-time predictions. Visualized extracted features and prediction results using Plotly to improve interpretability.