Shail Vania

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Professional Summary

SOC Analyst at TechOwl Infosec, monitoring, triaging and investigating security alerts for **130+ clients** with FortiSIEM and FortiSOAR. **Fortinet NSE 1, 2, 3 and 4** certified, with a Master of Applied Computing Science and a software development background in React, Node.js and Django.

Technical Skills

- **SIEM / SOAR**: FortiSIEM, FortiSOAR
- **Network Security**: Fortinet FortiGate (FortiOS 7.6)
- **Penetration Testing & Analysis**: Metasploit, Burp Suite, Wireshark
- **Password Cracking**: John the Ripper (Jumbo), Hashcat
- **Security Operations**: Alert triage, incident investigation, event correlation, incident ticketing & escalation (ITSM), SLA-driven response

Experience

TechOwl Infosec — **Ahmedabad, GJ, India**
SOC Analyst — *Sep 2026 - Present*

- **Technologies:** FortiSIEM, FortiSOAR, in-house ITSM platform
- Monitored, triaged and investigated security alerts for **130+ clients** using **FortiSIEM**, correlating events across client environments to separate real threats from false positives.
- Contained and resolved threats before they reached clients, using **FortiSOAR** playbooks to automate alert enrichment and response actions.
- Managed incident tickets end to end in an **ITSM platform** developed in-house, documenting investigation findings, escalating to L2 according to SOPs and meeting SLA timelines.

DevTech Solutions — **Kitchener, ON, Canada (Remote)**
Software Engineer Intern — *Jun 2024 - Jul 2024*

- **Technologies:** React, Node.js, TailwindCSS, JIRA, Git
- Developed and maintained the HYDEX website with React (front end), Node.js (back end) and TailwindCSS, deployed globally on **AWS**.
- Built **NFT** features that let users create, manage and trade assets within the platform, supporting the HYTOPIA ecosystem and its **1000+ users**.
- Managed version control with Git and tracked work in JIRA for timely delivery of features and updates.

Webbions Technologies — **Ahmedabad, GJ, India**
Web Developer — *Feb 2020 - Feb 2021*

- **Technologies:** React, HTML, CSS, Django
- Assisted in designing, developing and maintaining websites and web-based applications.
- Built interfaces with HTML, CSS, JavaScript and React, increasing user engagement by **25%** to an average of 3 minutes per session.
- Developed RESTful APIs and Python/Django back ends that improved average session duration.

Education

University of Windsor — **Windsor, ON, Canada**
Master of Applied Computing Science — *May 2022 - Aug 2023*

Kadi Sarva Vishwavidyalaya — **Gandhinagar, GJ, India**
Bachelor of Engineering in Information Technology — *May 2017 - May 2021*

Projects

Q-win (https://qwin.web.app) **Jan 2023 - Aug 2023**
Event Management WebApp *Supervisor: Dr. Kalyani Selvarajah*

- **Technologies:** React, Firebase
- Led a team project to replace the University's seminar registration process, which suffered from website crashes and manual-entry loopholes.
- Built the platform to handle up to **500 concurrent users**, automating registration and generating attendance reports for administrators.
- Designed attendance tracking with dynamic QR codes refreshed every 5 seconds and **SHA-256 hashing** to keep check-ins secure and accurate; well received by professors and administrative staff.

Anime Recommendation System **Oct 2022 - Dec 2022**
Recommendation System *Supervisor: Dr. Olena Syrotkina*

- **Technologies:** Pandas, Matplotlib, streamlit, MongoDB
- Built a Python recommendation system combining **collaborative** and **content-based filtering**.
- Preprocessed data with Pandas and Matplotlib, served results through a Streamlit web app and stored data in MongoDB.
- Integrated datasets via the Kaggle API and managed code on GitHub.

Certifications

Security

- Fortinet FortiOS 7.6 Administrator (NSE4)
- Fortinet Certified Associate in Cybersecurity
- Fortinet Certified Fundamentals in Cybersecurity
- Getting Started in Cybersecurity - Fortinet
- Introduction to the Threat Landscape - Fortinet
- Pre-Security - TryHackMe
- Ethical Hacking - Udemy

Development & Cloud

- AWS Cloud Quest: Cloud Practitioner
- AWS Cloud Computing 101
- React Basics - Meta
- Introduction to Front-End Development - Meta
- Programming with JavaScript - Meta
- HTML and CSS in Depth - Meta
- Version Control - Meta
- The Joy of Computing Using Python - NPTEL
- NextGen CTO - EPICentre, University of Windsor

Achievements & Extra-curricular Activities

- **Machine Learning Engineer**, WICyS, University of Windsor 2022 - 2023
  - Built a network intrusion detection model with Python, scikit-learn, TensorFlow and Keras on the **KDD CUP 99** dataset, achieving high classification rates across attack types including **DoS and DDoS**.
- **Career Break** *Oct 2024 - Aug 2026*
  - Took a planned career break to focus on family while continuing to build new skills.
  - Learned cybersecurity through self-study, earning Fortinet NSE4 (FortiOS 7.6 Administrator), Fortinet Certified Associate and Fundamentals in Cybersecurity, TryHackMe Pre-Security and Udemy Ethical Hacking.
- **Organizer**, Xenesis Tech-Fest 2019