SUPARNA BISWAL

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SUMMARY

Cybersecurity Professional with over 3 years of experience in OT/ICS cybersecurity. Skilled in SOC operations, vulnerability management, threat intelligence, risk analysis, remediation planning, and platform security. Proficient in Claroty (CTD & xDome) and Nozomi for OT network visibility and threat detection, and Power Query for data-driven reporting and security metrics visualisation.

Experienced in architecture reviews, gap analysis, security control mapping, and alignment with IEC 62443 and NIST Framework. Proven track record in GRC functions, patch management, and enhancing cybersecurity posture across OT environments through effective client collaboration and control implementation.

SKILLS

● **Vulnerability Management** ● **IEC 62443** ● **Patch Management** ● **Nozomi** ● **Claroty xDome, CTD** ● **Power Query** ● **Gap Analysis** ● **Microsoft Azure** ● **Threat Intel** ● **Architechture Review** ● **Security Control Mapping** ● **OT SOC** ● **Platform Management** ● **Wireshark**

WORK EXPERIENCE

Security Delivery Analyst @Accenture Solutions Pvt Ltd   Oct 2022 – Present

● **Vulnerability Management:** Facilitated vulnerability identification and assessment, conducted threat and impact analysis, and prioritised at-risk device identification and remediation using tools like Claroty xDome.

● **Architecture Review & Control Mapping**: Conducted architecture reviews, gap analysis, security control mapping and alignment with IEC 62443 and NIST Framework to support GRC efforts and compliance.

● **Vulnerability Assessment Reporting:** Developed comprehensive vulnerability assessment reports, leveraging Power Query and Power BI for data analysis and visualisation.

● **Vulnerability Remediation & Patch Management:** Provided critical vulnerability remediation recommendations, collaborated with clients, and supported patch management efforts.

● **Threat Intelligence:** Presented threat intelligence insights to clients, highlighting threat details, impact, and remediation strategies for various released advisories and tickets.

● **SOC Analyst in OT/ICS Environments:** Provided cybersecurity support to enhance security for critical infrastructure sectors.

● **Claroty & Nozomi Platform Management:** Conducted platform management for Claroty and Nozomi, ensuring effective threat detection, asset management, security monitoring, and risk mitigation in OT/ICS environments.

Summer Intern @Tata Steel BSL Limited (Formerly known as Bhusan Steel Limited)

May 2021 – July 2021

● Selected among the top 20 candidates for this prestigious summer internship at our university.

● Collaborated seamlessly with operations teams and other units overseeing blast furnace operations.

● Devised and proposed a highly effective solution, yielding over 90% improvements in profit, quality, and efficiency within the Power system.

CERTIFICATION & PUBLICATION

● Claroty Support Engineer (CSE 501)   ● **AZ-900** Microsoft Certified: Azure Fundamentals
● Nozomi Networks Certified Technical Sales Professional   ● **PL-900** Microsoft Certified: Power Platform Fundamentals
● **SC-900** Microsoft Security, Compliance, and Identity Fundamentals ● **AI-900** Microsoft Certified: Azure AI Fundamentals

● **Development of a Power Quality Analyzer using Arduino Technology**
   Springer International Conference: "3rd Electric Power and Renewable Energy Conference (EPREC-2022)"
   Vol: Recent Advances in Power Electronics & Drives

AWARDS & RECOGNITION

● **Client Recognition & Impact:**   **2025**
Recognised by an FMCG client for improving cybersecurity resilience

● **University Gold Medalist - VSSUT, Burla**   **2023**
Gold Medal for best B.Tech Project (Felicitated by Chairman DRDO)

● **Certificate of recommendation from ISRO**   **2023**
Recognised for advancing space-driven sectors at our college.

● **DRDO Dare to Dream 2.0 Winner**   **2021**
Felicitated by Honourable Defence Minister Shri Rajnath Singh

● **DOT 5G Hackathon Winner**   **2021**
An initiative by DOT directly under the PMO India (Shri Narendra Modi)

● **Larsen and Turbo CreaTech Winner**   **2020**
One of the most Prestigious E-Schools competitions in India

EDUCATION

B. Tech in Electrical Engg. (*Veer Surendra Sai University of Technology, Burla*)   2018-2022 (8.99 CGPA)
Intermediate (*St. Joseph's Convent School, Rourkela*)   2018 (86.00%)
Matriculation (*St. Joseph's Convent School, Rourkela*)   2016 (95.00%)