

# ATHARVA SARDESAI

Cybersecurity Consultant

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## PROFESSIONAL SUMMARY

Cybersecurity Consultant at a Fortune 500 manufacturing firm, specializing in Cloud Security (AWS/Azure), AI Governance, and Zero Trust Architecture. Expert in translating complex technical risks into actionable business strategies.

## PROFESSIONAL EXPERIENCE

### Cybersecurity Consultant

*Cummins India*

Jan 2025 – Present

- Contributing to enterprise AI Security initiatives, including the development of an AI Intake Standard Operating Procedure (SOP) that established a governance framework for AI tool adoption across global business units—mitigating organizational risk exposure and supporting regulatory alignment.
- Executed Application Security testing across enterprise software portfolios using Veracode, identifying and triaging vulnerabilities in pre-production builds to reduce security risk prior to deployment and embed secure SDLC practices across development teams.
- Driving the development and delivery of global cybersecurity strategy presentations for C-suite and senior leadership, translating complex threat landscapes into executive-level risk narratives and capital investment priorities.
- Partnering cross-functionally with IT, Legal, and Operations to align security initiatives with broader business objectives—ensuring every security improvement delivers measurable operational and financial value.

### Cybersecurity Consultant

*Be4Breach*

Jun 2024 – Dec 2024

- Delivered cloud security assessments across AWS and Azure environments for enterprise clients, uncovering critical misconfigurations and mapping risk to business impact—achieving a 35% improvement in cloud compliance posture.
- Validated multi-cloud environments against CIS Benchmarks and NIST standards using Prowler and CSPM platforms, producing prioritized remediation roadmaps that directly informed client security investment strategies.
- Engineered 10+ Python and Bash automation scripts to accelerate assessment workflows, reducing manual overhead by 40% and enabling faster time-to-insight across client engagements.
- Led threat intelligence analysis on adversarial incident samples, identifying attacker TTPs and translating findings into business continuity recommendations—minimizing operational disruption risk and strengthening recovery time objectives (RTOs).
- Authored executive-grade vulnerability reports with MITRE ATT&CK mapping, root cause analysis, and risk-prioritized remediation plans, enhancing stakeholder clarity and enabling data-driven security governance decisions.

## COMPETENCIES

### Core Competencies

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| • Cloud Security Governance (NIST, CIS)            | • Cloud Compliance & Risk Assessment (AWS, Azure, GCP) |
| • AI / LLM Security Risk Management                | • Threat Intelligence & Business Continuity Planning   |
| • Zero Trust Architecture Design                   | • Security Strategy & Policy Development               |
| • Stakeholder Management & Executive Communication | • OT / ICS Security Framework Application              |

### Technical Toolkit

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|--|--|
| • Cloud Assessment: Prowler, CloudSploit, AWS Security Hub | • Scripting & Automation: Python, Bash |
|--|--|

- Threat Analysis: Ghidra, IDA Pro, CyberChef, Radare2
- SIEM / Monitoring: ELK Stack (Elasticsearch, Logstash, Kibana)
- Frameworks: MITRE ATT&CK, NIST CSF, CIS Controls
- Network Analysis: Wireshark, Zeek, Shodan, Censys

## CERTIFICATIONS

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### AWS Security Fundamentals — AWS Skill Builder

Professional-grade cloud security certification validating expertise in IAM, data protection, encryption, and threat detection across AWS environments.

### Blue Team Junior Analyst — Security Blue Team

Industry-recognised defensive security credential validating proficiency in threat hunting, security log analysis, network forensics, and incident response.

### Google Cybersecurity Certificate — Google / Coursera

Comprehensive cybersecurity foundations covering network security, vulnerability management, cryptography, and SOC operations workflows.

## NOTABLE PROJECTS

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### Security Operations Center (SOC) Lab · ELK Stack on Oracle Cloud

- Architected a fully functional SOC environment integrating Elasticsearch, Logstash, and Kibana to simulate enterprise-grade security monitoring, demonstrating applied SIEM design and real-world threat detection methodology.
- Developed custom log parsers and behavioural detection rules to identify attack patterns, translating technical telemetry into actionable security intelligence.

### Cloud-Native Portfolio Platform · AWS Serverless Architecture

- Designed and deployed a serverless, cloud-native application on AWS Amplify with integrated CI/CD pipeline, demonstrating end-to-end cloud architecture competency.
- Engineered an AWS Lambda content automation system with API Gateway integration, showcasing practical serverless design and secure API management.

## EDUCATION

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<b>B.Tech, Information Technology</b> · Vishwakarma Institute of Information Technology, Pune	2021 – 2025 (Expected)
<b>12th HSC</b> · Arihant Junior College of Arts, Commerce and Science, Pune	2021
<b>10th CBSE</b> · Sainik School Satara, Satara	2019