

ANIRUDDHA KHANDWE

Security Practice Leader | Security Architect | GRC, SOC & Offensive Security

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PROFESSIONAL SUMMARY

Cybersecurity leader with 6 years of experience spanning security practice management, security architecture, GRC and offensive security. Currently Principal Security Engineer at Aurionpro Solutions Limited, where I lead the cybersecurity practice end-to-end — VAPT, Red Team, SOC, GRC and Security Solutioning teams — owning delivery, presales solutioning and practice-level budgeting and P&L. Serve 20+ enterprise and government clients across BFSI, insurance, stock exchange, power utilities, smart city and public sector. Executive M.Tech (Cloud Computing) from IIT Patna; CISA, CISM, CEH, ISO 27001 / 20000 / 22301 Lead Auditor and ISO 31000 Risk Manager. Own the OEM partner ecosystem and contribute to national initiatives including the CERT-In AI Cyber War Room. Seeking a Security Practice Lead / Security Architect / Information Security Head role where I can scale security programmes that are commercially sound and audit-ready.

CORE COMPETENCIES

Security Leadership: Practice build-out and management, delivery ownership, budgeting & P&L, multi-team leadership (VAPT, Red Team, SOC, GRC, Solutioning), OEM and partner management, hiring and capability development

Governance, Risk & Compliance: ISO 27001 / 22301 / 20000-1, ISO 31000, PCI DSS, SOC 2, NIST CSF, RBI & SEBI guidelines, CERT-In directions, DPDP Act readiness, policy and control framework development, compliance checklists, internal and IT audit

Security Architecture: Zero Trust, SOC / SIEM / SOAR / UEBA, IAM & PAM, WAF, EDR & XDR, DLP, MDM, network segmentation, secure cloud architecture (AWS, Azure, GCP), threat modelling, secure SDLC

Offensive Security: Web, API, mobile, network and cloud VAPT; red teaming; configuration and architecture review; secure code review; threat hunting; vulnerability management and remediation governance

AI Security: AI-augmented VAPT, LLM and GenAI application testing, prompt injection and model-evasion assessment, AI governance — NIST AI RMF, ISO/IEC 42001, OWASP LLM Top 10, MITRE ATLAS

Presales & Solutioning: RFP / tender response, technical proposals, BoM and costing, effort estimation, evaluation-committee presentations, OEM demos and PoC management, bid defence

PROFESSIONAL EXPERIENCE

Aurionpro Solutions Limited | Cybersecurity Practice — India

Aug 2021 – Present

Principal Security Engineer — Security Practice Lead

2024 – Present

- **Lead the cybersecurity business end-to-end** across five delivery functions — VAPT, Red Team, SOC, GRC and Security Solutioning — covering strategy, staffing, capability build-out and quality of delivery.
- **Own practice delivery, budgeting and P&L** — effort and cost modelling, resource planning, margin tracking and commercial governance for the security portfolio.
- **Manage a portfolio of 20+ active customers** across BFSI, insurance, stock exchange, power utilities and distribution, smart city and government / PSU, acting as the escalation and assurance owner for security engagements.
- **Design enterprise security architectures** for greenfield and modernisation programmes — SOC / SIEM / SOAR, IAM, Zero Trust and ZTNA, WAF, EDR / XDR, MDM, DLP and cloud security — working directly with OEMs on fitment, sizing and roadmap.
- **Drive presales and tender solutioning** for large public-sector and BFSI RFPs: technical solution documents, compliance matrices, costing and BoM, pre-bid queries, and presenting Aurionpro's solution to client evaluation committees as part of the tender process.
- **Build the governance layer for the practice** — security policies, SOPs, audit working papers and control checklists mapped to ISO 27001, ISO 22301, PCI DSS, SOC 2, NIST CSF, RBI and CERT-In requirements, used by delivery teams as standard artefacts.
- **Own the OEM and partner ecosystem** across 20+ security vendors — SailPoint, Arcon, Sophos, Zscaler, Array Networks, FireMon, Wazuh, Gurukul, BluSapphire, Cyble, Indusface, Tenable and others — running product demonstrations and PoCs, assessing fitment against client risk posture and regulatory mandate, and maintaining commercial and technical relationships for solution build-out.
- **Build the AI security service line** — AI-augmented VAPT, LLM and GenAI application testing (prompt injection, jailbreak, data poisoning, model evasion) and AI governance mapped to NIST AI RMF, ISO/IEC 42001, OWASP LLM Top 10 and MITRE ATLAS.
- **Contribute to national and regulatory initiatives** as part of the team within the CERT-In AI Cyber War Room — AI Security Blueprint drafting and governance working groups on AI-related security risk.
- **Mentor and grow the security team** — technical review, certification pathways and structured knowledge transfer across offensive security, SOC operations and GRC.

Cloud & Cyber Security Expert

Aug 2021 – 2024

- Delivered **VAPT and security audits for web applications, APIs, cloud workloads and network infrastructure** for government and enterprise clients, including remediation guidance and closure verification.
- Designed and secured **cloud and DevSecOps environments** (AWS, Azure, GCP, NIC cloud) — architecture review, hardening, CI/CD pipeline security for test, QA and production, container and Kubernetes security.

Ministry of Social Justice & Empowerment, Government of India | Deputed through Aurionpro

Aug 2021 – Sep 2022

Test Engineer (Cyber Security)

- Single point of accountability for cybersecurity across national citizen-facing portals — **SACRED, SAGE, AGRASR, NMBA and SEED** — covering web, API, cloud and network security audits, patch management and hardening.
- Performed continuous VAPT and vulnerability remediation tracking, load and performance testing, server management and CI/CD implementation for test, QA and production environments.

All India Council for Technical Education (AICTE), Ministry of Education, Gov

Jul 2020 – Sep 2022

Cyber Security Intern → Project Lead Trainee

- Led the cyber team for the **National Apprenticeship Training Scheme (NATS), AICTE Internship Portal and AMRUTUM 2.0** — web and network auditing, API security, patching, server management and load testing.

Independent Security Consultant / Researcher

2018 – 2021

- Vulnerability assessment of government and private web applications; responsible disclosure to **NCIIPC** under its research programme; bug bounty participation.

SELECTED ENGAGEMENT HIGHLIGHTS

- **Market Infrastructure Institution (stock exchange)** — system audit and cyber audit against SEBI CSCRIF covering 300+ regulatory controls, 300+ technology assets, 50+ critical applications and production, DR and support environments; 79 risk-ranked observations driving measurable Cyber Capability Index improvement.
- **Cooperative bank — digital banking assessment & DPDP readiness** — 12+ banking applications, 4 mobile platforms, 25+ APIs, 80+ servers and 150+ security controls assessed; 95% of critical and high findings closed and validated on re-test.
- **State transport NCMC programme — secure cloud transformation** — on-premise to AWS migration with Zero Trust architecture, 300+ cloud and security controls validated, SAST/DAST and SBOM / HBOM / AIBOM coverage; 92% reduction in critical exposures and PCI DSS certification achieved and maintained.
- **ALPHV / BlackCat ransomware response — state transport department** — detection, containment, clean DR recovery and post-incident hardening; full environment restored in 48 hours with 1-hour RTO, 15-minute RPO, zero data loss and no ransom paid.
- **Managed threat hunting for an enterprise SOC** — hypothesis-driven, ATT&CK-mapped hunting across 10,000+ endpoints and 50+ telemetry sources; 60% faster detection, 50% faster containment and 70% reduction in attacker dwell time.
- **Embedded VAPT programme for a SEBI-regulated broker** — scaled tested estate from 40 to ~290 applications and 300 to 500 APIs across web, mobile, network and API domains under a continuous, always-audited model.
- **Other engagements** — PCI DSS certification of an AWS payment platform sustained over 3+ years; onsite ATM and POS VAPT for a leading bank in Oman (PCI DSS, EMV, Central Bank of Oman); multi-site SIEM and threat-intelligence implementation for a broker and colocation provider; SD-WAN and VPN security validation across three national critical-infrastructure sites.

KEY PROJECTS & INNOVATION

- **AI Trishul (in development)** — a unified AI-assisted security assessment platform bringing architecture review, configuration review, source code review and AI-driven VAPT onto a single console, aimed at cutting assessment turnaround time and standardising finding quality across engagements.
- **Abhedya — GUI-based indigenous firewall** — self-built firewall with IP / region / country-level blocking, attacker geolocation via IP lookup, bot and scanner protection, IP whitelisting and live traffic monitoring.
- **Registered patent (2021)** — named inventor on a granted patent in the security / technology domain.

EDUCATION

M.Tech (Executive), Cloud Computing — Indian Institute of Technology (IIT) Patna

2024 – 2026

B.E., Electrical & Electronics Engineering — Yashwantrao Chavan College of Engineering (YCCE), Nagpur

2021

CERTIFICATIONS

Governance & Audit: CISA (ISACA) • CISM (ISACA) • ISO/IEC 27001 Lead Auditor • ISO/IEC 20000-1 Lead Auditor • ISO 22301 Lead Auditor • ISO 31000 Risk Manager

Technical: CEH v11 (EC-Council) • Certified Penetration Tester (National Security Database) • Google Cloud Platform — Core Infrastructure & Mitigating Security Vulnerabilities • Scrum Foundation (SFPC)

COMMUNITY LEADERSHIP & RECOGNITION

- Organizer, **TensorFlow User Group Nagpur** • Co-organizer, **GDG Cloud Nagpur** • Organizer, **Kotlin User Group Nagpur** • Co-organizer, **Firebase Community Nagpur**
- Guest speaker on cybersecurity and cloud at DevFest Nagpur and engineering colleges across Maharashtra • Regional Influencer, **Google Crowdsource** • Vice-Chair, **IEEE YCCE Student Branch** • Co-founder of two early-stage ventures • Languages: English, Hindi, Marathi.