Nakul Kokate

Pune, Maharashtra | kokatenakul11@gmail.com | linkedin.com/in/nakul-kokate | github.com/Naks-bro

Professional Summary

Software developer with hands-on experience in **enterprise IT automation, Windows endpoint security and identity integration**. Built a business workflow for **20+ users**, investigated endpoints with **Cortex XDR and Qualys**, and tested Windows detection software with **PowerShell**. Interested in secure end-user computing and operational automation.

Technical Skills

Endpoint & Enterprise IT: Windows, Endpoint Security, Endpoint Telemetry, Troubleshooting, Cortex XDR, Qualys
Identity & Security: Microsoft Entra ID, OIDC, JWT, RBAC, TLS, DNS, Firewalls
Automation & Development: PowerShell, Python, Google Apps Script, TypeScript, C#/.NET 8, REST APIs
Platforms & Tools: Microsoft SQL Server, PostgreSQL/Supabase, Git, Docker, Vercel

Relevant Experience

Technology Intern — Software Development | Syrma SGS Technology Ltd. Jun – Oct 2026
Electronics manufacturing · India

- Built and deployed an **enterprise purchase requisition workflow for 20+ users** using Next.js, TypeScript and MS SQL Server; implemented role-based approvals, audit history and business rules to replace manual coordination.
- Integrated **Microsoft Entra ID sign-in** using OIDC/JWT; troubleshot identity and deployment issues and documented production needs covering **DNS, TLS and firewall** configuration.
- Presented the system to senior IT leadership and received a **48/50 mentor evaluation**.

Cybersecurity Research Intern | Konecranes Jun – Jul 2025
Pune, India

- Investigated enterprise endpoint security with **Cortex XDR and Qualys**; identified and responsibly reported an endpoint privilege-escalation path.
- Documented reproduction, business impact and remediation guidance for **two global security teams**, working within the assigned security process.

Technical Lead — Platform & Automation (Volunteer) | YGPT Jul 2025 – Present
Youth NGO, Maitribodh Parivar · Mumbai

- Built and maintain the **YGPT Event Management System** with **8 documented roles and 8 main workflow states** for approvals, budgets and reporting, supporting nationwide operations.
- Automated Google Drive folders and email notifications through authenticated Apps Script webhooks; resolved credential exposure through key rotation and application hardening, and completed a database-region migration with **zero data loss**.

Full-Stack Software Developer (Freelance) | Arkoun Farms Feb 2025 – Present
Remote *Naks-bro/Arkoun-SYSTEM*

- Built a **nine-role operations platform** for orders, subscriptions, inventory, dispatch and invoicing; automated vendor purchase orders and subscription scheduling with Google Apps Script.
- Debugged authorization and database-integrity issues and documented the architecture and operational handoffs for business stakeholders.

Selected Project

RDRS — Ransomware Detection & Response Engine | *C#/.NET 8, Windows ETW, WMI, PowerShell* | GitHub 2025 – 26

- Built a **Windows endpoint detection service** that combines seven live file, process, crypto API and network signals into a per-process risk score; used decoy files and entropy analysis to distinguish suspicious encryption from normal writes.
- Implemented automated containment and wrote **PowerShell test scripts** for normal writes, file renames, high-entropy writes, burst activity and simulated ransomware behavior.