

NARAYANAN K

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TECHNICAL SKILLS

Programming Languages: Python, Go

Security Tools: StackRox (RHACS), DefectDojo, Trivy, Dependency-Track, SonarQube, TruffleHog, Gitleaks, OWASP-ZAP, Burp Suite, MobSF, Frida, Postman, Docker, Grafana, Prometheus, Pynt, Jenkins, Terrascan

Frameworks: Kubernetes, CI/CD, GitHub Actions, CSPM, AWS, AZURE, GCP, Openshift, Rancher

EXPERIENCE

M2P Fintech Pvt LtdJune 2024 – Present

DevSecOps Analyst | L3

Chennai - IN

- Integrated SAST, DAST, and SCA for Web and API security into CI/CD pipelines using SonarQube and Dependency-Track, reducing vulnerabilities by 40% during early stages of the SDLC.
- Implemented Kubernetes and container security with RHACS (StackRox), enabling runtime detection, policy management, and compliance enforcement, enhancing compliance posture by 50%.
- Managed vulnerabilities with DefectDojo and enforced secret scanning using Gitleaks and TruffleHog, reducing false positives by 35%.
- Incorporated MobSF and Trivy into CI/CD pipelines, automating mobile security scans and generating SCA and SAST findings to strengthen application security.
- Deployed security tools using Helm and ArgoCD, and synthesized monitoring with Grafana and Prometheus to ensure observability, availability, and continuous security insights.
- Developed a full-stack M2P Compliance Dashboard using Next.js and TypeScript APIs, delivering a single-page solution that reduced manual follow-up work by 80% for Security Analysts and the GRC team.

Pepul Pvt LtdOctober 2021 – June 2024

Security Engineer | L1 & L2

Chennai - IN

- Conducted VAPT on web, mobile, and API applications, identifying and facilitating remediation of 150+ security issues.
- Performed secure code reviews and applied security controls, preventing 25+ high-risk vulnerabilities before production deployment.
- Executed network security controls and system hardening measures, reducing attack surface by 30% across corporate systems.
- Provided security awareness training and guidance to development teams, improving secure coding adherence by 25%.
- Actively monitored and responded to emerging threats, ensuring zero critical security incidents over a 12-month period.
- Promoted a security-first culture by collaborating with development teams to ensure 100% of critical patches were applied within SLA.

PROJECTS

JWT Authentication with CSRF Protection

Technologies: Node.js, MongoDB

- Designed and enforced JWT-based authentication with RSA key signing, enhancing token security and integrity.
- Fused CSRF protection for state-changing requests, reducing the risk of cross-site request forgery attacks by 100% on protected endpoints.
- Improved application security posture by ~40% through robust authentication and CSRF defense mechanisms in the early SDLC stage.

CERTIFICATES

Certified Diploma In Python Programming

Cyber Soft Solution | Credential ID - 1578-3465

Certified Network Security Specialist

ICSI | Credential ID - 18990935

Certified API Security Architect

API Academy | Credential ID - 159042852

EDUCATION

SRM Institute of Science and Technology (SRM IST)

Expected: June 2028

Bachelor of Computer Applications in Data Science (Pursuing)

- Learned programming, data analysis, statistics, and machine learning to solve real-world problems effectively.
- Spearheaded the integration of data analytics into security incident response, reducing the mean time to resolution (MTTR) by 15% and optimizing the workflow process for security incident mitigation.
- Worked with databases and data management tools, streamlining data handling and analysis.

Government Polytechnic College (GCP)

Completed: August 2019

Diploma in Computer Engineering (Grade: B, 80%)

- Diploma in Computer Engineering with expertise in hardware, software, and programming.
- Skilled in designing and maintaining computer systems and networks.
- Prepared for roles in software development, hardware design, and IT project management.