Srinivasan Ramakrishnan

APPLICATION & AI SECURITY ENGINEER

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Application and AI security engineer with 9 years across offensive security, secure code review, and AppSec program engineering. Builds security tooling and posture-management systems for an engineering organization of roughly 5,000, with a current focus on AI for security and security for AI. CISSP and null community member.

SELECTED EXPERIENCE

Finastra

Expert AI Security Development Engineer / Feb 2025 – Current

- **ASPM Dashboard:** Designed and built a Go and React security posture platform aggregating CodeQL, SCA, and container findings into an application maturity model enriched with SAMM, API posture, and WAF coverage — a self-service portal with a RAG assistant that answers teams' posture questions from platform data and documentation.
- **CodeQL Reporting:** Led the Checkmarx-to-GitHub CodeQL migration across 80+ products end to end, then built a Go and React platform adding the reporting and dismissal-review workflows GitHub lacks, with an LLM triage layer that reconstructs source-to-sink evidence from SARIF to cut false-positive volume.

Aujas Cybersecurity

Senior Security Consultant / Dec 2021 – Feb 2025

- Led web application, API, cloud, and mobile security assessments for banking and telecom clients.
- Led a secure code review program from inception through delivery and served as primary client contact.
- Supported DevSecOps integration, technical proposals, and internal training with zero client escalations.

Micro Focus (Fortify)

Secure Code Reviewer / Jul 2019 – Nov 2021

- Reviewed Java, ASP.NET, and Python code and provided industry-specific remediation guidance.
- Automated repetitive review work, reducing operator time by approximately 40% per scan.

Tata Consultancy Services

Cyber Security Engineer / Jun 2017 – Jul 2019

Performed application, API, mobile, and source-code security testing across BFSI and telecom; began as a full-stack Java developer.

SELECTED PROJECTS

burpai — Java/Montoya Burp extension supporting local Ollama and optional cloud LLM providers. Public MIT-licensed v1.9.0 release.

Reconx / trace — zero-dependency Go binary packaging a consistent reconnaissance toolchain. github.com/srinivasans13/trace

Vektor — multi-engine SAST orchestration across CodeQL, OpenGrep, and Joern, with normalized findings and an inspectable LLM false-positive filtering workflow.

ThreatCanvas — interactive threat-modeling system with React, AntV X6, Go, Azure AD SSO, and human-reviewed Azure OpenAI threat suggestions.

FOCUS

AppSec programs | Security architecture | SAST | CodeQL | AI security | Threat modeling | Offensive security | Secure code review

CREDENTIALS

CISSP
Certified 2021

null
The Open Security Community — member

EDUCATION

B.Tech, Mechatronics
SASTRA University
2013 – 2017

MOBILITY

Bangalore, India

Open to Singapore, UAE, UK, and Germany.