

Justin Veerman

Application Security Engineer

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Summary

Application security engineer. I spent six years building a major bank's enterprise Application Security program: embedding SAST, DAST, and software composition analysis into developer pipelines and IDEs across development teams, coaching teams on remediation, and supporting incident response with the CSIRT. Since going independent I've kept security at the core of everything I build, and I now secure production AI/LLM systems against the OWASP LLM Top 10: prompt-injection defense, generated-code scanning, guardrails, and kill switches. I bring classic AppSec depth plus hands-on modern AI-security that most application-security engineers don't have.

Skills

Security: Application Security, SAST / DAST / SCA, Secure SDLC, Threat modeling, Vulnerability management, Secure code review, Secret management, Incident response

AI / LLM Security: OWASP LLM Top 10, Prompt-injection defense, Generated-code scanning, LLM guardrails, MCP servers

Platform & Delivery: Docker, CI/CD, GitHub Actions, GitOps, Linux, systemd, Caddy, Release Engineering

Languages & Data: Python, Bash, FastAPI, PostgreSQL, SQLite, GCP, Cloudflare

Experience

Application Security / DevSecOps Engineer, Independent – Toronto (Remote) Jan 2022 – present

- Build security into everything I ship: every release runs through secret scanning, dependency checks, and required tests before it can merge.
- Locked down a production LLM platform against the OWASP LLM Top 10: I fence untrusted input, scan generated code, block the agent from sensitive paths, and can kill it instantly.
- Designed, built, and run a live on-chain product handling real users and real money: 12 smart contracts in production, plus the transaction checks, indexing, and reconciliation behind them.
- Built the AI ops platform and LLM gateway (12 models across 6 providers) it all runs on, with the security controls built into the pipeline instead of bolted on afterward.

Senior Information Security Specialist, TD – Toronto Feb 2016 – Sept 2021

- Helped build the enterprise Application Security program from the ground up, embedding SAST, DAST, and software composition analysis into developer pipelines (Jenkins, JIRA) and IDEs (Eclipse, IntelliJ) across development teams.
- Coached development teams on onboarding, vulnerability remediation, and preventing new issues; ran vulnerability management and secure-coding guidance.
- Ran security feasibility assessments on new tooling, built the program knowledge base, and organized internal security forums.
- Supported application-security incident response with the incident response team (CSIRT) and led process re-engineering initiatives.

Software Quality Assurance Analyst (Contract), Multiple contract engagements – Toronto 2014 to 2015

- Functional, regression, and browser-automation testing (Selenium) plus automated REST API testing, in Agile teams, for enterprise and financial-sector clients including Deloitte Canada, Bank of Montreal, and Shoppers Drug Mart.

Recognition

Selected for a competitive infrastructure accelerator, plus multiple hackathon wins for shipped systems and a competitive development grant.

Education

Toronto Metropolitan University (Ryerson), BComm in Business Technology Management (Enterprise Systems)

Mohawk College, Post-Grad in International Business Management