

RAVI RAO (206) 992-0942 ravi@zaatar.org

US/Canadian/French Citizen, available Aug 8, '24 for remote Engineering positions in FL

PROFILE

Motivated, self-aware, results-oriented, highly technical Information Security leader looking to serve as a Principal Engineer building on 15+ years hands-on programming + engineering background with ~10 year focus on Security Engineering & Automation across early-to-mid stage Security startups and mid-to-large size Enterprises.

EXPERIENCE

Sabbatical / Taking a personal break handling health issues in the family, 10/23 - 7/24

Qualtrics Inc / Infosec Software Development Manager, 06/19 - 10/23

01/22 - 10/23 Infosec Manager of Sec. Development & IAM (6 Engr, 2 teams x 3 Timezones)

- Primary owner of custom Email Platform Abuse Prevention high-availability service
 - Non-blocking service designed to process 10MM+ emails per day to apply heuristics to detect potential phishing / spam / abuse of free + paid tier accounts
 - built secure prod infrastructure to prevent, detect & respond to security issues using in-house built & 3rd party solutions
 - SOC analysts were primary customers triaging dashboard for False-positives
- Primary owner of custom SOAR tool used across entire Infosec Org (physical security, front-end eng, back-end eng teams)
 - maintainer of outbound APIs with data sources across Google Suite / Docs, Slack, JIRA, Splunk, SumoLogic, Akamai DNS, WAF, CrowdStrike Falcon endpoint protection across platforms (Win32/Linux/Mac/Mobile)
 - author of preliminary suite of XDR rules
 - authoring + maintenance of more complex rules from tier-2 scenarios
 - rolling up results & recommendations daily/weekly/monthly to Leadership
 - SOC analysts were primary customers interacting with SOAR tool
 - Daily direct liaison on threat assessments with SOC
 - Weekly indirect liaison with AppSec on DAST (Checkmarx), SAST (Semgrep), and IT team on MSSP (Jamf) and WAF rules
- Primary owner of Identity & Access Management one-stop shop to
 - coordinate Role-based Access Control for 60+ LOB apps internal to Qualtrics
 - solutions being built were cross-platform & infrastructure (AWS cloud/physical)
 - direct daily liaison with SOC + AppSec teams incl. threat assessments, DAST (Checkmarx), SAST (Semgrep), SIEM (Sumo Logic, Splunk), EDR (CrowdStrike Falcon), WAF, Change Mgmt, MSSP (Jamf)

Qualtrics Inc / Quality Engineering Manager of Eng Services, 06/19 - 12/21

06/19 - 12/21 Principal Quality Eng Manager of Eng Services (10 people x 2 teams x 3 TZs)

Standardized Eng quality approach across 60+ Engrs / 7 teams / 40+ projects, automated infra

Shogun Labs Inc, 100% Remote from France / Principal Engineer in Test, 11/18 - 04/19

- setup initial manual Quality Assurance processes in Eng workflow
- performance testing, GDPR for website + product

Xage Security, Palo Alto, CA / Employee 3 / Principal Engr (DevSecOps & QA), 10/16 - 09/18

- setup robust HA cross-platform arch. build system on Linux + Mac
- setup minimum acceptance + end-to-end automated test suites

Shape Security, Mountain View, CA / Employee ~80 / Test Automation Lead, 06/14 - 04/16

- hire, train & build a team of 5+ Test automation Engrs
- built in-house test automation framework wrapper using Python 3 around
 - Pytest for Botwall Desktop
 - Appium-based for Mobile solutions.

Amazon.com, Seattle WA / QAE 2 Amazon Maps on Fire Phone, 04/13 - 06/14

- own Native v1 Maps app quality on the Fire Phone, focus on L10n, i18n, Accessibility
- backup + restore, UI, Stability, Auto crash log parsing + bug filing

Microsoft, Redmond WA / SDET 2 Internet Explorer, 10/07 - 03/13

- IE8 - Owned features on the layout team, focused on layout perf
- IE9 - Compatibility (Application + Website + Addon)
- IE10 - Versioning and Accessibility across IE
- IE11 / Edge - Networking Team including SPDY protocol support

EDUCATION

- M. Applied Comp Sci + Grad Dipl Comp Sci, Concordia University, Montreal, Jul '07 & Aug '04

AWARDS & RECOGNITION

- 1 raise at Xage in April 2017 (i.e. @6 months) for going "above & beyond call of duty"
- 2 Promotions over 4 teams & 4 managers at Shape for wide impact in 20 months
- Hackday award (2 of 120 across Amazon Kindle) for Browser plugin project, 02/2014
- Special award (1/105 in IE Test) for Customer Obsession, IE9 Beta, Microsoft 09/2010