VIGNESH **ASHOKAN**(He/Him)

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Visa Status: Permanent Resident of Canada

SKILLS

- **Programming & Scripting:** Go, Java, Spring, Python, Elixir
- **Web:** React, Redux, JavaScript, Groovy, Grails, HTML, CSS
- **Datastores:** MySQL, Redis, Snowflake, Solr
- **Cloud(AWS):** EC2, Lambda, RDS, DynamoDB, S3, Kinesis, SQS, Cloudwatch, IAM
- **Infrastructure & Other Tools:** Terraform, Docker, Kubernetes, Buildkite, Splunk, Datadog, SumoLogic
- **Software Development:** APIs, Microservices, Git/GitHub/GitLab, SAFe Agile, Scrum, Kanban

EXPERIENCE

Splunk | Vancouver, British Columbia, Canada
[Java, Spring, Python, Go, Redis, AWS, Terraform, Docker, Kubernetes]

Senior Software Engineer | January 2023 - Present

- Designed and implemented a pipeline for user credential validation and API for testing connectivity to all the threat intel source integrations
- Migrated legacy services & corresponding API clients from Go to Java/Spring Framework
- Implemented intel-sources integrations with scheduled pull of intel data from OSINT & CSINT sources and process & store them into Splunk's key-value store

PagerDuty | Denver, Colorado (Remote), USA
[Elixir, React, Redux, CSS, MySQL, AWS, Terraform, Datadog, SumoLogic]

Software Engineer III | June 2022 - December 2022

- Led & implemented user interface for adding/modifying/deleting custom fields on incidents API which enables the users to supplement the fixed parameters of the incident data with their own custom attributes per service
- Implemented notification API which enables the delivery of statuses of incidents to relevant stakeholders as custom rich text email

Twilio | Denver, Colorado, USA
[Go, Shell(bash), MySQL, Snowflake, AWS, Terraform, Buildkite, Splunk]

Software Engineer (L3) | April 2022 - June 2022

- Designed and implemented the migration of V1 segment data to the newer V2 format, resulting in the reduction of snowflake costs by 30% and improving the segmentation pipeline runtime by 10 folds

Software Engineer (L2) | June 2019 - March 2022

- Implemented a YACC parser to parse SQL as ASTs & validate for supported syntax, transform to valid snowflake SQLs and convert the SQLs to UI expressions to achieve segmentation of contacts; this includes the reverse translation of expressions from the UI to user readable SQL to return as API response
- Architected and implemented sample contacts generation pipeline as part of the contacts segmentation API

- Developed APIs to manage email templates, campaigns, resource clean-up services for SOC/GDPR compliance as part of SendGrid's Marketing Campaigns platform; this included design discussions with the product managers, design & implementation, testing and releasing the APIs with documentation to the end users
- Bar raiser and technical interviewer for Twilio's hiring committees for levels L3 and lower

Securonix | Dallas, Texas, USA
[Java, Python, JavaScript, Groovy, Grails, HTML, CSS, JS, MySQL]

Senior Software Engineer | April 2018 - June 2019

- Architected and implemented parsing engines as well as redesigned existing ones for audit logs, increasing efficiency by a 50% to 60% reduction in parse time
- Implemented an orchestration framework for manual and auto-triggering response actions in the form of insight on activities/violators & remediation steps to manage violations and maintain cases for further investigation
- Led the integrations team for developing new & maintaining existing product and orchestration frameworks integrations
- Led client facing discussions for design & implementation of integrations; collaborated with developers from 3rd party vendors to develop integrations for the data ingestion pipeline

Software Engineer | July 2015 - March 2018

- Implemented multiple product integrations including but not limited to Tanium, Qualys, Google suite, etc. to pull audit logs, user/asset metadata, and security logs from external APIs as part of Securonix's Snypr platform
- Redesigned and implemented Third Party Intelligence module to pull malware intelligence data, process and store them in data stores as part of Securonix's threat search interface

EDUCATION

Master of Science, Computer Science | August 2013 – May 2015
The University of Texas at Dallas | Richardson, Texas, USA

Bachelor of Technology, Information Technology | July 2007 – May 2011
Amrita Vishwavidyapeetham University | Bangalore, Karnataka, India