

# VIGNESH ASHOKAN(He/Him)

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**Github:** <https://github.com/vigneshashokan>

**Visa Status:** Permanent Resident of Canada

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## 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, Redis]

### **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