

VIGNESH ASHOKAN(He/Him)

Location: [Denver, Colorado \(remote\)](#)

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

Visa Status: H-1B

SKILLS

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

EXPERIENCE

PagerDuty | Denver, Colorado (Remote), USA

[[Elixir](#), [React](#), [Redux](#), [MySQL](#), [Terraform](#), [Datadog](#), [SumoLogic](#), [Periscope](#)]

Software Engineer III | [June 2022 - Present](#)

- Implemented Status Updates Notification Templates API which enables the delivery of incident notifications to relevant stakeholders as custom rich text email
- Led & implemented user interface for Custom Fields on Incidents which enables the users to supplement the incident data with their own custom attributes per service

Twilio | Denver, Colorado, USA

[[Go](#), [Shell\(bash\)](#), [AWS](#), [MySQL](#), [Snowflake](#), [Terraform](#), [Buildkite](#), [Splunk](#)]

Software Engineer (L3) | [April 2022 - June 2022](#)

- Designed and implemented the migration of V1 segment data to the newer V2 segment 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 contact segmentation service
- 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 | Addison, 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 Snyptr 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

Infosys | Bhubaneswar, India

Systems Engineer | [July 2011 - September 2012](#)

- Performed ETL operations in Teradata databases by designing workflows using Informatica
- Created Business Intelligence reports and dashboards using SAP Business Objects for a Fortune 10 client

Software Development Intern | [Feb 2011 - May 2011](#)

- Designed & developed meeting management application on Android 2.3

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](#)