## Overview

* 9+ years of extensive experience in IT industry with focus on DevSecOps and data analytics.
* Worked exhaustively will all the lines of SDLC.
* Worked as both an infrastructure and application development specialist and wore the hats according to the situation demands
* Champion for the good cause of Devops culture, automation, continuous monitoring and open source development.

***Professional Summary***

* Around 9+ years of experience on devsecops domain, was involved into migrating application into end to end devsecops pipeline. Which coverers the entire sdlc process from requirement gathering, development tool integration, code security, continuous integration, environment provisioning and release automation.
* Worked closely with the IT, business owners and technical leads to collect data on existing setup and forecasted load and capabilities.
* Architected end to end devops setup in secure environment with GDPR compliance.
* Experienced in containerizing the application landscape.
* Helped customer architect scalable, highly available application solutions that leverage Devops services.
* Set up performance monitoring and automatic self-healing mechanism in the system hence, reducing human intervention.
* Tailored best practices in software processes and quality to achieve fast cycle time development.
* Architected and built software engineering analytics tools.
* Have experience with Cloud Platforms such as AWS & Microsoft Azure and migration of applications from on premise to cloud and enabling DevOps and automated performance monitoring capacity.
* Have special skills with data base deployments, serverless computing and implemented them in enterprise applications.
* Have staring exposure in containerization and virtualization of enterprise applications.
* Maintain deep understanding of Messaging systems, Operating Systems, Virtualization, Networks and Security in cloud and on premise systems.
* Worked exhaustively will all the lines of SDLC and familiar with ITIL framework.
* Possess good communication, stakeholder management skills and quick learner.
* Able to work well both in a team and independently.
* Fluent in English and beginner in French and Italian.

**Technical Skills:**

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| **Hardware** | Raspberry PI3 |
| **Operating Systems** | Linux [Debian, RHEL, SUSE ], MacOS , Windows [95 +] and IBM Mainframes[basic] |
| **Languages** | Python, PL/SQL , C++, LISP and GOLANG |
| **Database** | MySQL, Oracle, MSSQL, Mongo DB, Teradata and SQL Server |
| **Cloud stack** | AWS , Microsoft Azure, GCP and Openstack [basic] |
| **Tools & Utilities** | |  |  |  | | --- | --- | --- | | ***Software Orchestration*** | : | Ansible, Puppet OS and Salt [basic] | | ***Defect Tracking and Project Management*** | : | JIRA, Version One and Microsoft office | | ***Middleware Tire*** | : | Apache Tomcat, IBM WebSphere, RabbitMQ and IIS | | ***Containerization*** | : | Docker and Kubernetes | | ***PaaS*** | : | AWS [PaaS], Azure [PaaS] and OpenShift | | ***Scripting language*** | : | Python, Shell, Power Shell, R and Groovy | | ***CI / CD and Version Control*** | : | Teamcity, Jenkins , SVN, GIT and PVCS | | ***Build Management and Operations*** | : | HP Service Manager and Make | | ***Data Science*** | : | R, Matlab, Informatics, SSIS/RS, Cognos and SAS | | ***Software Analytics and Log Management*** | : | Semmle, Solarwinds, Splunk, Grafana and App Dynamics | |

## Education:

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| **Degree** | **University** | **Year of Passing** |
| **B.E in Electrical and Electronics engineering** | **Anna university, Chennai.** | May - 2009 |

**Project Profile:**

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| **Project** | **Allianz-TCoE Implementation Co** | |
| **Client** | Allianz-TCoE Implementation Co | |
| **Role** | DevOps Consultant | |
| **Organization** | **Cognizant Technology Solutions** | |
| **Duration** | **August2018-Till Date** | |
| **Team Size** | **1** |  |

**Responsibilities:**

* Designed entire SDLC workflow for ABS Africa region.
* Worked closely with the IT, business owners and technical leads to collect data on existing setup and forecasted load and capabilities.
* Designed SDLC metrics dashboard using EazyBI datacubes .
* Architected end to end devops setup in secure environment with GDPR compliance.
* Worked on containerizing the application landscape.
* Helped customer architect scalable, highly available application solutions that leverage Devops services.
* Experience on setting up code quality, scalable environment procurement for the complete enterprise landscape.
* Architect and build software engineering analytics tools.

**Contributions:**

* Creation of in house tool to measure software analytics measurements.
* Optimized the JIRA workflow and developed data collectors to absorb ALM data.

**Project Profile:**

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| **Project** | Eli Lilly DevOps Implementation - DevOps | |
| **Client** | Eli Lilly Japan | |
| **Role** | DevOps and AI Consultant | |
| **Organization** | **Cognizant Technology Solutions** | |
| **Duration** | **April-2016-August-2016** | |
| **Team Size** | **1 [DevOps and AI]** |  |

**Responsibilities and Contributions:**

* Designed entire cloud landscape for IT Automation and Analytics portfolio.
* Worked closely with the IT, business owners and technical leads to collect data on existing setup and forecasted load and capabilities.
* Provided exhaustive environment and devops solution for scalable data and AI applications.
* Architected and developed customer applications to be cloud optimized.
* Set up proof of concept of DevSecOps pipeline for the entire landscape.
* Created analytics application using IoT devices in AWS to report data and development analytics.
* Experience on setting up version control, scalable environment provisioning for the complete enterprise landscape.
* Worked on developing voice invoked AI app using Alexa to help developers.
* Developed solutions to deploy salesforce apps using blue-green deployment model.
* Developed AI tools to do human classification and recognition for the business assist and automation.

**Project Profile:**

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| **Project** | Naranja Devops assessment - DevOps | |
| **Client** | Naranja Cards | |
| **Role** | DevOps Consultant / Architect | |
| **Organization** | **Cognizant Technology Solutions** | |
| **Duration** | **March 2018 – April 2018** | |
| **Team Size** | **1 [DevOps] ~ 20 [Developers, QA and Ops]** |  |

**Responsibilities:**

* Worked on POC implementation of all the Naranja cards DevOps.
* Provided software development knowledge with respect containerization architecture, design patterns and programming.
* Worked as both an infrastructure and application development specialist and wore the hats according to the situation demands.
* Helped customer architect scalable, highly available application solutions that leverage Devops services

**Contributions:**

* Took ownership of all the Naranja cards DevOps and, gave complete end to end solutions with, best practices guide.
* Did setting up version control, CI/CD and environment provisioning for three technology stacks [ NodeJS [Mobile apps], Microsoft apps and Java apps using Docker containers.

**Project Profile:**

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| **Project** | Titan Environment Operations - DevOps | |
| **Client** | Trafigura PTE ltd | |
| **Role** | DevOps Engineer | |
| **Organization** | **Cognizant Technology Solutions** | |
| **Duration** | **Jan-2016-March 2018** | |
| **Team Size** | **3 [DevOps] ~ 50 [Developers, QA and Ops]** |  |

**Responsibilities:**

* Took ownership of all the applications in Energy IT Enterprise landscape.
* Experience on setting up version control, CI/CD and environment provisioning for the complete enterprise landscape.
* On boarded new vendor, in-house and third party application and setup the environments for the integration with existing systems with engineering teams.
* Setup one click teamcity jobs for automated application deployments.
* Vigilantly monitored and improve performance of platform components, implemented app dynamics and Nagios to automatically send triggers to failed components and services.
* Participated in release management process thereby, streamlining the deployment process.
* Worked alongside all Engineering to apply architecture knowledge to provide high availability deployment solutions.

**Contribution:**

* Automated the application release process and reduced the time from 12 hours to 4 hours.
* Set up zero downtime deployment for business critical applications thereby, provided high reliability and availability of all services.
* Cleaned up major bugs in Aspect Compression and Axiom R [ Vendor tools ] using inhouse code fixes.

**Project Profile:**

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| **Project** | **Sensor Networks and Cloud Operations** | |
| **Client** | U Of C | |
| **Role** | DevOps Engineer | |
| **Organization** | **University Of Calgary** | |
| **Duration** | **Sep 2011 – Oct 2016** | |
| **Team Size** | **2** |  |

**Responsibilities:**

* Worked on migrating on premise applications in Linux and windows into AWS.
* Created automatic environment provisioning by one click environment creation process.
* Participated in daily operations to ensure stability, reliability, and availability of applications and services.
* Worked using a broad range of AWS technologies (e.g. EC2, RDS, ELB, EBD, S3, VPC, Glacier and IAM) to develop and maintain an Amazon AWS based cloud solution.
* Designed, prepared, and conducted new technology evaluations to determine infrastructure solutions based on business requirements developed on run a software image in a container.
* Made recommendations for improvement of infrastructure, technology, capability, reliability and performance as required by business needs.
* Did full-stack troubleshooting and effectively communicated findings to dependent teams.

**Contribution:**

* Accomplished by creating smooth one click process for multiple environment deployments.
* Set up performance monitoring and automatic self-repair programs in the system hence, reducing human intervention in the system.

**Project Profile:**

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| **Project** | KeyBank Datawarehousing | |
| **Client** | KeyBank | |
| **Role** | Datwarehouse Engineer | |
| **Organization** | **Cognizant Technology Solutions** | |
| **Duration** | **Nov 2009 – Aug 2011** | |
| **Team Size** | **2** |  |

**Responsibilities:**

* Designed enhance and implement scalable, reliable, and maintainable technologies for our backend data and ETL platform.
* Worked on creating automated report generation using Cognos for third party systems.
* Lead efforts in capacity planning and worked closely with testing team to design intelligent testing strategies.
* Conceptualize software requirements based on both external [ third party and vendors] and internal inputs [ Client ].

**Contribution:**

* Automated all the deployment and delivery process for the KeyBank risk and asset management. Thereby eliminating manual report run and elimination of 4 hours of daily manual work.
* Tailored best practices in software processes and quality to achieve fast cycle time development.
* Awarded with Innovator of the year 2011 from Cognizant for these contributions.

##### **Personal Details:**

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| **Name** | Pristley Sathyaraj. S | |
| **Email Id** | [PRISTLEYSATHAYARJ.SELVAKUMARSAMRAJ@cognizant.com](mailto:PRISTLEYSATHAYARJ.SELVAKUMARSAMRAJ@cognizant.com) | |
| **Passport No.** | H4565911 | **Valid Upto: (10/08/2019)** |
| **Typeof Visa holding (if any)** | NA | **NA** |
| **Location** | Chennai | |
| **Contact Number** | **Mobile:+91- 8056211073** | |