

SIVAPRAKASH NITHYANANDAM (trysivaprakash@gmail.com)

SUMMARY:

- Over 8+ years of professional experience as in designing APIs and building web applications
- More than 5 years of experience in developing Micro Services and Cloud transformation of Web based applications
- Expert in building web-based applications using Pivotal Cloud foundry (PCF), Azure, Spring Boot and React
- Good experience in digital transformation of data to Cloud using Google cloud platform, Google App Engine, Google Cloud SQL and Spring batch
- Experience in writing Batches using Spring batch and java
- Experience in Designing Web Applications using HTML, CSS, JavaScript, jQuery, ReactJS and AngularJS
- Experience in working with different databases like Db2, MySQL, Google data store, Big query and Cloud SQL
- Experience in using Gradle and Maven for building and deploying the application to cloud
- Experience in using Git, SVN as Version Control Systems.
- Experience in authentication systems like PCF's UAA, Azure AD and Active Directory Federation Services (ADFS)
- Experience in configuring IBM's API Connect (APIC), Netflix's Feign Client, Hystrix, Ribbon
- Experience in working Monitoring tools like Splunk, AppDynamics and DynaTrace
- Experience in Test Driven development and Pair programming
- Experience working in Agile and Waterfall SDLC models
- Exposure to Continuous Integration and Continuous deployment using Teamcity, Concourse and Jenkins
- Experience in Multi-Tenancy Applications

TECHNICAL SKILLS:

Languages	Java 8, JavaScript
Frame works	Spring Boot, React JS
Cloud	Pivotal Cloud foundry, Google Cloud Platform and Azure
Data Base	IBM dB2, Google Big Query, Google Data store, Google cloud SQL, MySQL
Project Management Tools	Pivotal Tracker, JIRA, Rally
IDE	IntelliJ IDEA, Eclipse, STS
Continuous Integration	Concourse CI-CD, TeamCity and Jenkins

EDUCATION:

- Bachelor of Engineering from Anna University, India

PROFESSIONAL Experience:

Ford Motor Company, India / STG InfoTech
December 2019 – Present
Full Stack Developer

Project #1: Capture consumer's consents and their preferences from various channels and save them for marketing purposes.

- Designed and developed Rest APIs to consume consumer's consents and preferences information from various touch points
- Configured ADFS system to assist both authentication and authorization
- Setting up IBM's API Connect tool to proxy all APIs exposed through touch points
- Setting up JMeter for both functional and performance testing
- Used swagger for API documentation
- Ensured security standards via 42Crunch tool and code qualities via SonarQube, FindBugs, PMD and CheckStyle
- Deployed APIs through Jenkins systems
- Production monitoring and alerting for any issues to ensure 100% availability

Technology and Tools: Spring boot, Pivotal Cloud Foundry, SQLServer, 42Crunch, ADFS, APIC, Splunk, Dynatrace, JMeter and Rally

Ford Motor Company, MI, USA / STG
July 2018 – Nov 2019
Full Stack Developer

Project #1: Capture consumer's consents and their preferences from various channels and save them for marketing purposes.

- Designed and developed (TDD) Rest APIs to consume consumer's consents and preferences information from various touch points
- Configured ADFS system to assist both authentication and authorization
- Setting up IBM's API Connect tool to proxy all APIs exposed through touch points
- Setting up JMeter for both functional and performance testing
- Used swagger for API documentation
- Ensured security standards via 42Crunch tool and code qualities via SonarQube, FindBugs, PMD and CheckStyle
- Deployed APIs through Jenkins systems
- Production monitoring and alerting for any issues to ensure 100% availability
- Worked in Agile methodology

Technology and Tools: Spring boot, Pivotal Cloud Foundry, SQLServer, 42Crunch, ADFS, APIC, Splunk, Dynatrace, JMeter and Rally

Project #2: Protecting, managing and serving consumers information as per company's policy and user's preferences.

- Creating RESTful micro services using spring boot on Pivotal Cloud Foundry
- Designed and developed framework to manage interaction between microservices
- Providing various endpoints to frontend applications to manage and serve consumer's data
- Assisted in Table designs to effectively serve data
- Worked in Agile methodology

Technology: Spring boot, Pivotal Cloud Foundry, SQLServer, ADFS, APIC, Splunk, Dynatrace, JMeter and Rally

Project #3: Capturing consumer's information, preferences and vehicle information from various frontend applications.

- Designed and developed (TDD) Rest APIs to consume consumer's information, preferences and vehicle information from various frontend applications
- Created a new plug-in async framework to reduce response time

- Created a multi-tenancy based approach to support various regions/tenants
- Configured Azure Active Directory sign on system to implement both authentication and authorization
- Setting up Organization's internal API Management tool to proxy all APIs exposed through touch points
- Setting up JMeter for functional
- Setting up Gatling for performance testing
- Used swagger for API documentation
- Ensured code qualities via SonarQube, FindBugs, PMD and CheckStyle
- Deployed Microservices to cloud using CICD Pipelines.
- Production monitoring and alerting for any issues to ensure 100% availability
- Used tools like Splunk, Dynatrace for troubleshooting and performance improvement.
- Worked in Agile methodology

Technology: Spring boot, Pivotal Cloud Foundry, SQLServer, Azure AD, APIM, Splunk, Dynatrace, JMeter, Gatling, Teamcity, Jenkins and Rally

Home Depot, GA, USA / Tata Consulting Services (TCS)

July 2016 – Jun 2018

Full Stack Developer

Project #1: To estimate order quantities to vendor, business analysts provides various parameters against a sku and a trumping logic will determine final quantity to order.

- Designed and developed (TDD) Rest APIs to consume various inputs from different hierarchy members of an organization
- Designed a logic to trump the winning parameters aligning organizational needs
- Deployed applications into Google's App Engine to serve touch points through Concourse CI-CD
- Designed and constructed tables in Google's Cloud SQL
- Configured Google's Pub-Sub to publish the parameters
- Performance test through Gatling
- Using Pivotal tracker, stories been logged
- Worked in pair programming following Agile extreme methodology
- Used swagger for API documentation.
- Experience in Test Driven development by writing unit testcases using Junit, Mockito and Groovy.

Technology: Spring boot, Google App Engine, Pivotal tracker, Google cloud SQL, Splunk, AppDynamics, Gatling, Concourse CI-CD

Home Depot, India / Tata Consulting Services (TCS)

Feb 2012 – Jun 2016

Full Stack Developer

Project #1: Provide an API to billing section of retail system for the functionality of sell, return and cancel the merchandises.

- Creating and updating monolithic applications to serve the functionality of sell, return and cancel
- Production monitoring to ensure right calculation logic applied for refund and owe from customer
- Deployed applications into Tomcat server
- Used tools like Splunk to troubleshoot and performance improvement.
- Worked on migrating monolithic application to Microservices
- Deployed Microservices to cloud using CICD Pipelines.

Technology: JavaEE, Tomcat, HP ALM, DB2, Sonar