Vivek Kumar

6.3 Years Exp. Certified Full Stack Engineer(Spring Boot Java,MuleSoft, Angular ,Azure And AWS)

Contact

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Skills

Java

Spring Boot

MuleSoft

Angular

Docker

Openshift

Jenkins

Azure

AWS

Certified full stack software developer (OCJP, MCD-API Design, MCD-API Integration, AZ-400,AZ-203,AZ-900 and HL7 FHIR certifications) experienced in creating cloud based software applications using technologies like Spring Boot , MuleSoft , Angular , Docker , Openshift , Azure and AWS

Work History

2018-05 - Current

Full Stack Developer
Optum Global Solutions, Gurugram, Haryana

- **EHR(Electronic Health Record) Integration Lab** - This application is a platform for developers; which provides open space to connect with multiple EHRs ; to build ,test and publish their SMART on FHIR applications .Worked on development of this application from scratch; setup end to end DevOps pipeline using Jenkins, Docker, Openshift and Sonar , created restful API using Mulesoft , created OAuth2 security layer for API's using Spring Boot - Spring Security and created frontend of application using Angular 6 .

- **Care Estimator Clinical** - This application is used for clinical support ,estimation and decision making . It helps member to locate a practitioner within a particular location radius . Created non-FHIR to FHIR integration layer as restful API's using Spring Boot , Spring Data JPA , AspectJ , Lombok,HAPI FHIR and Spring Security . Worked on a number frontend widgets created using Angular 6 whcih utized backend services . Helped configure the Jenkins Pipeline as code for application using Groovy , Docker , Openshift and Sonar .

- **FLEX healthcare application** - This application provides a platform for healthcare application vendors and member patients ; vendors can register and integrate there SMART on FHIR applications in portal and connect to any of backend EHR systems using FHIR interoperability and member can visualize and process their data using these vendor apps . Created FHIR interoperability layer using MuleSoft , setup entire OAUTH2 security module for vendor app

registration using Spring OAuth , Spring Data JPA and Spring Security , created frontend UI using Angular 6 and created end to end DevOps pipeline on public Azure cloud using Azure Container Registry and Azure Kubernetes Services using Terraform .

2014-04 - 2018-03

Project Engineer

Wipro, Hyderabad, Telangana

- **EE File Service Create Project:**

Client: **Nokia**

This is a web-application used by the end users to create and manage network drives; this application automates the manual process for creation of CIFS and NFS shares on ONTAP ;along with access management of these network shares.

Technology: Java, J2EE, Vaadin(UI) , Python ,Cassandra , Active directory , File Services , Apache Tomcat and Apache Httpd, Hadoop-Hortonworks ecosystem, MapReduce, Hive, PIG, SQOOP

Role and Responsibilities: Application Maintenance and Development –Was responsible for creating the module for the automation over ONTAP using the ontap jar files , creating the log and data analysis tool written in Java-SWING and finally created the UI for the application using the Vaadin Framework ; Vaadin is a Java based framework which is analogous to SWING coding but for web-applications where it converts the Java code into JavaScript at the using Google Web ToolKit .

- **EE Software Signing and Integrity Protection**

Client**: Nokia**

This is a web-application which is used by the customers to obtain certificates/signatures for their software products from Certificate Authority to maintain the integrity of the product through the supply chain

Technology: Java, Spring-MVC , Spring JDBC ,MySQL, Apache Tomcat, Apache HTTPD

Role and Responsibilities : Application Developer – Created the automation API and implemented fail-over using mod-proxy .

- **EE Web Service**

Client: **Nokia**

This is a web-application is used for the monitoring and controlling the functions of the Web
Servers and Application Servers of the Nokia applications ; helping the user to install and configure the servers in an automated fashion and make them ready for hosting .

Technology: Java, Spring , MySQL, NodeJS, JBoss and Apache HTTPD

Role and Responsibilities: Application Development and Support : Created the complete web application using Java, Servlets and JSP's , this application is a analogues Amazon's web-hosting service like static and dynamic web-hosting on **.**

Education

2016-06 - 2018-06	**MBA**: **Management Information Systems** *Sikkim Manipal University - Manipal*
2009-08 - 2013-08	**Bachelor of Technology**: **Biotechnology** *Amity University - Noida*
2007-04 - 2008-03	**12th Standard**: **PCBC** *S'T Mary's Convent Inter College - Lucknow*
2005-04 - 2006-04	**10th Standard**: **PCMC** *S'T Mary's Convent Inter College - Lucknow*

Accomplishments

- 1 Sustaining Edge Award , 6 Star Awards and 2 Spot Awards at Optum Global Solutions until now (2018-2020)
- Best Newbie Award - First Year at Wipro 2014
- Round Of Applause - 2nd Year at Wipro 2015
- Outstanding Rating - During all the performance reviews at Wipro and Optum

Certifications

Oracle Certified Java Programmer (Java 6)

MuleSoft Certified API Design Associate(Mule 3.9)

MuleSoft Certified Integration and API Associate(Mule 3.9)

Azure Fundamentals AZ -900

Azure Developer Associate AZ -203

Azure Devops Professional AZ -400

HL7 FHIR R4 Certified Developer