**Tanmay Kumar Kanteti**

**Full Stack Java Developer**

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**PROFESSIONAL SUMMARY:**

1. Around 9 years’ Experience in object oriented programming analysis with extensive full Software Development Life Cycle (**SDLC**) experience in Application Software Specifications, Design, Development, Testing and debugging, Maintenance.
2. Proficient in various agile methodologies like Test Driven Development (**TDD**), **SCRUM**, Pair Programming and Waterfall software development processes.
3. Experience with **Java 8,11** features such as **Lambda** Expressions for making inline function calls by using Functional Interfaces which makes code readable and concise.
4. Developed and deployed Front End components (UI) using **JSP**, **JSF, JSTL, JavaScript, Angular JS, NodeJS, jQuery, React JS, AJAX, HTML, DHTML, HTML5, XHTML, JSON, CSS3** for projects based on **Java** platform.
5. Developed user interface by using the **React JS**, Flux for SPA development.
6. Expertise in developing Web pages using jQuery plugins for Drag and Drop, AutoComplete, **AJAX, JSON, AngularJS, Bootstrap** and **JavaScript.**
7. **Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework (using Spark Streaming, apache Kafka & Apache Flink).**
8. Experience of developing and implementing robust and scalable SQL modules.
9. Added Excel-Builder to download the Tabular data in Excel format using **React JS.**
10. Extensive experience in using various design patterns such as **MVC, Singleton, Session, DAO, IOC and in the development of Multi-Tier distributed Enterprise Applications**.
11. Good knowledge of designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services ( AWS) and Azure.
12. Experience in **MicroServices** and **Spring Boot** application development.
13. Experience with **APIGEE Edge,React,** Kafka, **Developer Portal & APIGEE Baas platform.**
14. Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins** and **GitHub** and **AWS AMI’s**, whenever a new Github branch gets started
15. **Exposure to NoSQL database programming - Apache Cassandra.**
16. Understand the core **AWS services**, uses, and basic architecture best practices.
17. Experience in creating connections for HTTP requests using Websockets
18. Experienced in developing Microserviceswith Spring Boot, Spring REST, Spring Cloud, Eureka, API-Gateway etc.
19. Strong understanding of **Microservices**patterns.
20. Develop and maintain applications written for **Amazon Simple Storage Services (S3),** Amazon Dynamo DB, Amazon Simple Queue Service (SQS), Amazon Simple Notification Service (SNS), Amazon Simple Workflow Service (SWS), **AWS** Elastic Beanstalk, and **AWS** Cloud Formation.
21. Hands on Experience in JDBC, HIBERNATE for persisting data to different relational databases and extensive knowledge in Java Persistence API.
22. Experienced in **UI** frameworks such as **jQuery, Google Web Toolkit (GWT), JavaScript, Node.js, Angular.js, Angular 2, Angular 4, ReactJs,** Python, **VueJS, Tag Libraries,**and **Custom Tags**.
23. Expertise in implementing client-server business applications using **Microservices**.
24. Have extensive hands-on experience on different **Java** frameworks like **spring** (**SpringIOC**, **SpringAOP**, **SpringMVC**, **SpringJMS**, **SpringBatch**, **SpringJDBC**, **SpringWebflow**&**Spring Boot**), **Struts** (2.x), **Apache Axis2**, **ApacheCXF**, **RESTEasy**, Jersey and **ORM** frameworks like **Hibernate**, Open JPA.
25. Ability to produce enterprise level, scalable, modular, and performant **AngularJS**applications
26. Developed spring boot microservices using Java with Spring Boot framework.
27. Expertise in using clients for the Web Services using **Apache Axis** and tested it using **SoapUI**
28. Proficiency with the application servers like **IBM WebSphere, WebLogic, JBOSS** and **Tomcat**
29. Knowledge in launching **AWS EC2** instances and continuous integration using Jenkins.
30. Experience in developing Web based **JSP, HTML5, DHTML, CSS3, JavaScript**,Kafka, **JSON, Node JS, AngularJS, jQuery, EXTJS and Ajax.**
31. Profound experience in creating real time data streaming solutions using **Apache Spark /Spark Streaming**, **Kafka** and **Flume**.
32. Deployed applications intocontainers using cloud services like **AWS, Netflix Eureka, Spring Hystrix** as the fallback method, **Spring Ribbon** for load balancing, and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
33. Implementation of SOA architecture for the enterprise process of granting credit wif Red Hat products: Jboss SOA Platform for Webservices orchestration and transformation of data between enterprise systems build wif different technologies like Weblogic, Spring, etc. Jboss BRMS 5.3.1 for process modeling wif BPM and execution on business rules (drools), Jboss EAP 6.2 for webservices development and Red Hat Datagrid 6 for temporal data storage for log events and analysis of webservices results
34. Developed applications using frameworks and API like Struts, React, Spring MVC
35. knowledgeable with RDBMS concepts like writing SQL Queries. Working experience of Relational DBMS like **MySQL, Oracle SQL PL/SQL, SQL Server (MS SQL), DB2** and **NoSQL DBMS** like **MongoDB** and **Oracle Performance Tuning.**
36. Worked on real-time streaming using AWS Kinesis and Event-Driven Design using AWSLambda,while Auditing and Logging using AWS CloudWatch and AWS CloudTrail.
37. Excellent working knowledge in configuring multiple **WebSphere** domains including machines, manage servers, node.
38. Experienced with Perl, Shell scripting and test automation tools like Selenium RC, WebDriver and Selenium Grid.
39. Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment utilizing **Kubernetes**.
40. In depth knowledge on core java concepts such as OOPS, Collections, Threading, generics, Exception handling, Multi-Threading, Execution services, concurrent utilities, File IO, Garbage Collection and Serialization
41. Experience in developing logical and physical database design, data modeling using Erwin. Extensively worked on the Extraction, Transformation and Load (ETL) process using **PL/SQL** to populate the tables in database.
42. Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | C, C++, Java, SQL, PL/SQL |
| **Enterprise Java** | JSP, Servlet, JNDI, JDBC, JSF |
| **Mark-up/XML Technologies** | HTML, CSS, JavaScript, jQuery, AJAX, AngularJS, NodeJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, DOJO |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, JSF, Log4J, JUnit, SOA, Jasper reports, Spring Boot, Spring Batch, Spring Security, Rational Rose, MS Visio Professional, Star UML |
| **Web services** | SOAP,UI, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Apache Axis2, Apache CFX, AWS |
| **Web/App Servers** | Web Sphere, Apache, Tomcat, JBOSS, WebLogic |
| **Database** | Oracle, SQL server, DB 2, MySQL, MongoDB |
| **Development Tools** | Eclipse, My Eclipse, RAD, IntelliJ, Spring Tool Suite (STS) |
| **O-R mapping** | Hibernate, JPA, JTA |
| **Testing Tools/ Others** | JUnit, SoapUI, Putty, Rational Clear Quest, RTC, LoadUI |
| **Version Control** | CVS, SVN, GIT Bash, Rational clear case |
| **OS & Environment** | Windows, Sun Solaris, UNIX, ,OS Internals |
| **Design Patterns** | MVC, Front Controller, Singleton, and DAO patterns |
| **Java** | Collections, Multithreading, Exception Handling,  RMI, File I/O, Serialization, Java 1.5, 1.6, 1.7, 1.8. |

**EDUCATIONAL DETAILS:**

Bachelors in computer science, KL University, 2014

**PROFESSIONAL EXPERIENCE:**

**Client: State Farm, Bloomington, IL June 2022-Present**

**Role: Full Stack Engineer**

**Responsibilities:**

* Actively involved in design and development of multiple cutovers and major upgrades of our Application which includes Platform upgrades.
* Developed an angular application which display Promotions and Recommendations (by which planners can create different level of promotional events).
* Major contributor for Data Migration of the entire legacy data from Oracle to MongoDB, moving from Monolithic to Microservice architecture of our Application.
* Experience with Docker and Kubernetes, Terraform on AWS, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud
* Strong understanding of common API technologies, such as OAuth, SAML Spring Boot, and Microservices.
* Installation and configuration of Jboss Infinispan 6.0.2 as a cache for applications. It was used for the storage of the list of valid customers and the generation of temporal CFDI’s
* Involved in the development of real time streaming applications using PySpark, Apache Flink, Kafka, Hive on distributed Hadoop Cluster.
* Expertise in Hibernate , Docker , Jenkins, Azure, EMR, Apigee, Splunk, Dyna Trace Management toolsand a webcommerce like ATG .
* Used Node.js to create powerful web-based dashboards that checks the services’ statuses in an asynchronous manner and pushes data to clients using websockets.
* Experienced with Akka building high performance and reliable distributed applications in Java 8.0 and Scala.
* Discussed project progress and coordinated with Business Users, App/Product Owners, collected feedback on different stages to addressed concerns, evaluate and improve software and hardware
* Worked closely with DevOps teams facilitating continuous integration & delivery using Jenkins, OS Internals ,QA and Offshore teams at each phase (DEV /UAT/ /PROD) of the Application Development.
* The application development at server-side using Spring Boot, Microservices architecture, REST APIs
* Created Splunk dashboards to achieve active monitoring of systems and configured alerts as required
* Involved in working with WebLogic server for building and deploying enterprise Java
* Hands on experience working with various Amazon Web Services like **EC2, SQS, S3, Elastic Search** and **Dynamo DB** through **AWS Console** and **API Integration.**
* **Developed python scripts to test Spatial and Temporal Algorithms. NuPIC uses Spatial and Temporal algorithms for learning and inference.**
* Used Frameworks like JDBC, Hibernate, Struts, EJB2, Golang and Weblogic.
* **Developing RESTful Services with JAX-RS 2.0, Websockets and JSON.**
* **Developed common Flink module for serializing and deserializing AVRO data by applying schema.**
* Setup and build AWS infrastructure various resources Kubernetes, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala.
* Contributed in building an outstanding and dynamic team out of new engineers that came onboard which significantly improved overall success of our team.
* Good Experience in batch or stream processing systems (Apache Spark or Flink or Akka or Storm or Spring Batch).
* Developed python scripts to test NuPIC based on Hierarchical Temporal Memory (HTM).
* Developed responsive web product features using React JS, SASS, on Golang with REST.
* Migrating the existing project to Microsoft Azure with Azure services.
* Implemented routing rules and validation policies in APIGEE.
* Moved the project to Java 8,11 to extensively use Lamda expressions and have better connectivity to Cloud in addition adding Spring boot Libraries and UI Enhancement.
* Developed a Queryable State for Flink by Scala to query streaming data and enriched the functionalities of the framework.
* Expertise in using **JDBC API** and **Hibernate** for connection and access to databases
* JAVA program can run on the multiple operating system plateform (OS )
* Configured Kafka to read and write messages from external programs.
* Worked in a CI/CD environment with Jenkins, Maven, AWS and Terraform
* Creating a responsive dashboard using Angular 2 and RESTful web services, utilizing Websockets for continuous real-time data feeds
* All the functionality is implemented using Spring Boot, MicroServices and Hibernate ORM.
* Developed REST API's using Spring MVC and Spring boot, hosted all microservices Developed API to Integrate with Amazon EC2 cloud based architecture in AWS, including creating machine Images.
* Implemented **Spring ORM** with **Hibernate** using features like Annotation metadata, Auto Wiring, and Collections to implement **DAO** layer with **Hibernate Session Factory, HQL,**and **SQL**.
* Dockerized the applications using **Docker**. Deployed application into **Docker** container and **Docker** consoles for managing the application life cycle on **Kubernetes** deployment manager.
* Implementing and exposing the **Microservices** architecture with **Spring Boot based** services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Deployed the code into the AWS S3 by using console and CLI and deployed code into CloudFront using Jenkins pipeline.
* Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework (using Spark Streaming, apache Kafka & Apache Flink
* Azure Resource Manager (ARM) provides security, auditing, and tagging features to help you manage your resources after deployment.
* Implemented connectivity to databases using JDBC API from servlets and JSP through Enterprise Java Beans(EJB).
* Coordinated the business development team to create sample API’s for demonstrating its functionalities to the clients
* Deployed applications on WebLogic Server
* Updated the confluence pages with proper documentation and test results at every phase for future purpose.
* Worked with Upstream (Optimization) and Downstream (Discount Services) for the validation of message flow and recommendations jobs.
* Developed application as Enterprise JavaScript using - AngularJS, NodeJS, Websockets, Jasmine, Karma, NPM, Gulp, Protractor etc
* Used **Java 8** features like **Lambda expressions, Java Optional, Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Worked on multi-threading and exception handling to improve application functionality.
* JavaOS is an operating system based on a Java virtual machine and predominantly used on SIM cards to run applications on behalf of operators and security services.
* Used native method libraries, especially when you want to manage multiple versions of a native method library on your IBM i server, you need to understand both the Java library naming conventions and the library search algorithm
* Developed CI/CD system with Jenkins on Kubernetes and Terraform container environment utilizing Kubernetes
* Designed and developed Flink pipelines to consume streaming data from kafka and applied business logic to massage and transform and serialize raw data.
* Used most of the new features of **Java 8** like **lambda expressions** Python for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Experience in developing applications using Java/J2EE (Servlets, JSP custom tags, Struts, Spring, Hibernate, EJB’s, Java Beans, JDBC, JMS, JSF), XML, Bamboo, JavaScript, HTML, Hibernate, Eclipse3.x, Tomcat6/7/8.0, WebLogic, Oracle and Unix Korn Shell Scripting
* Deployed Spring Boot based microservices,Docker container using Amazon EC2 container services and using AWS admin console.
* Used APIGEE for API Identification and Resource Definition based on REST principles
* Created a mock UI webapp in Angular 8 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 8 along with HTML5, CSS3 and Type Script.
* JAVA  program can run on the multiple operating system plateform (OS ) without any modification.
* Experience in handling messaging services using Apache Kafka.
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using Spring Boot, Spring Cloud config, Netflix OSS components(Eureka, Zuul, Hystrix), Pivotal Cloud Fundry, AWS, Rabbit MQ, Kafka, Zookeeper, Cassandra, My SQL, Restful Web Services.
* Designed a Multi-Tier distributed Enterprise application using **Golang**and object-oriented programming.
* Used Spring **JMS** to communicate the UI and computations modules.
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Involved in writing **XML** documents and building scripts using **Linux/Unix**.
* Used SpringMVC for REST API and SpringBoot for micro services. Used Microservices architecture with SpringBoot based services
* Expertise in design and development of various web and enterprise applications using Type safe technologies like Scalas
* Designed and developed backend application servers using Python.
* Created Test automation framework using **Cucumber and Selenium web driver**.
* Worked on setting up the DR (Disaster Recovery) environment for our entire Application and underlying modules, involved in terms of architecture, testing and cutover.

**Key Achievements:**

* Developed algorithms and done refactoring that improved performance in processing scheduled jobs to
* reduce time consumed by 50% which involves handling approximately 1.2 million requests
* Developed 40+ efficient REST API’s leading to 25% increase in performance and enhanced scalability
* Debugged, troubleshoot and resolved 50+ medium, high priority to critical production tickets

**Tools/Technologies:** JAVA/J2EE,Golang,Java native, Node.js, Hibernate,NoSQL**,** MongoDB,Kubernetes, python,Spring Boot, Kafka,Angular 5, MongoDB, Flink, Apache Kafka, websockets, Splunk,JIRA, Terraform, Agile, GitHub, Jenkins, Gradle, LINUX, Eclipse, IntelliJ

**Client: Staples, MO Jan 2021- May 2022**

**Role: Full Stack Developer**

**Responsibilities:**

* Evaluated project requirements and specifications and developed application that surpassed
* expectations and worked to improve overall team performance by teaching the best practices
* Built outstanding and dynamic team of software engineers and developers which significantly boosted
* overall success of organization
* Developed CI/CD system with Jenkins on Kubernetes and Terraform container environment utilizing Kubernetes
* Developing DAOs using **JPA, hibernate** persistence API for the database operations to interact with Oracle Database.
* Integrated Kafka and Zookeeper with Flink and Elastic Search.
* Building a Command line tool to interact with RESTful API using in Golang
* Knowledge in Application Design and Development using OOA, NoSql, Java, C/C , OO, Agile, websockets, Linux, Cloud, OLAP, cloud-based system operations, ITIL, XML, OOD, OOP, MVC, SOA and J2EE.
* Architect our core processing applications for maximum scalability and availability using test-driven development, Inversion of control (IoC), dependency injection, design patterns, trunk-based development.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Good Knowledge on Apache NIFI, FLINK.
* Developed creative intuitive user interfaces that address business and end-user needs, while considering the technical, physical and temporal constraints of the users.
* Worked with join patterns and implemented Mapside joins and Reduce side joins using MapReduce depth knowledge of handling large amounts of data utilizing Spark Data Frames/Datasets API and Case Classes
* Creating Json deployment templates for provisioning virtual networks, subnets, VM Scale Sets, Load balancers and NAT rules. Define set of resources and specifying deployment parameters to Azure Resource Manager (ARM) templates to creating resource group of virtual machines
* Setup and build AWS infrastructure various resources Kubernetes, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform
* Created internal diagnostic tools using Golang and AngularJS in order to assist with customer issues. Golang and java were used as a backend REST service while AngularJS was used for the user interface.
* Designed Cassandra data schema, implement real time data pipelines of Kafka messaging system and Flink streaming layer sink to Cassandra
* Setting up apigee proxy API on Azure cloud platform Automating the Apigee installations and work flows.
* Used Angular js framework where data from backend is stored in model and populated it to UI.
* Fixing the batch logs using OS Internals, Shell Script and retrieving the data from database.
* The Java Native Interface (JNI) facilitates this interoperability in a platform-neutral way.
* Integrated Java and Angular based application to Elastic Search tier via Spring 4 Restful Controllers communicating to a custom java utility wrapping the **Jest API**
* Used Spring **Kafka API** calls to process the messages smoothly on Kafka Cluster setup.
* Configured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
* Developed the UI panels using JSF, XHTML, Java, C/C , OO, Agile, websockets, Linux, Cloud, Java, Saas, big data, cloud, POC, RBDMS, CSS, DOJO and JQuery
* Identified the defects through Selenium and ensured that business processes deliver the expected results and remain reliable throughout the production release.
* Responsible for maintaining and expanding AWS (Cloud Services) AngularJS, REST, Action Script, Node.js, RDS, Lambda functions, Jenkins, Docker, Kubernetes, Spring Boot, Oracle, Microservices.
* Worked with project managers, developers, Java native quality assurance and business to resolve technical issues
* Configurable component to read Kafka data from Flink or Kstream or Flume and apply transformations or ML pipeline and place the data back to HDFS or Kafka or Hive.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Coordinated the business development team to create sample API’s for demonstrating its functionalities to the clients.
* Implemented **Hibernate** concepts such as **lazy loading, dirty bit checking, optimistic locking,**and **transactions**.
* Developed the administrative UI using Angular.js and Node.js.
* Experienced in developing Microserviceswith Spring Boot , Jakarta ,SOAP, Spring REST, Spring Cloud, Eureka, API-Gateway etc.
* Implemented temporal extensions to SQL Language to handle the time dimension in addition to rows/columns of relational model to SQL to be able to query the time dependent data using the compiler construction tools such as YACC/LEX/FLEX/BISON.
* Achieved scalable websites by focusing on accurate implementation of React JS and Redux.
* Worked on designing specific programs efficiently through knowledge of **multithreading** using the **API** with the goal of increasing performance on a wide variety of applications
* Used **Jenkins** as an **AWS** code deploy plug-in to deploy to **AWS**. Experience with **DevOps** methodologies, implementing **CI/CD** Pipelines using toolsets like **GIT, MongoDB, Spring Boot, Jenkins, Chef,**and **AWS**.
* Design, build, maintain and support the Apigee infrastructure.
* Deployed **Spring Boot Microservices**into**AWS EC2** container service using **AWS** admin console and used lambda to run applications in **AWS** console.
* Monitored ongoing operation of assigned programs and responded to problems by diagnosing and
* correcting logic and coding errors.
* Creating and updating documentation relating to many aspects of **Linux/Unix** systems administration workflow
* Developed an **API** to write **XML** documents from a database. Utilized **XML** and **XSL** Transformation for dynamic web-content and database connectivity
* Developed python scripts to test Spatial and Temporal Algorithms. NuPIC uses Spatial and Temporal algorithms for learning and inference.
* Extensive experience in designing and implementing **multi-threaded systems** using the **Java 8 Collection Framework** and **Java 8 Stream API.**
* Experience of configuration tool CVS, Clear, and Tortoise SVN developing on Linux, python ,Windows Operating Systems.

**Key Achievements:**

* Trained and mentored 10 junior developers and engineers in JAVA/J2EE, OS Internals, RESTful web services areas
* Selected and supervised team of 15 backend developers engaging in multiple areas for creating a new
* Email Communication App on devices that run on iOs, Android, Blackberry, Windows Mobile OS
* Developed reusable multi layered security Encryption/Decryption algorithms by using AES and RSA
* Cryptographic Algorithms to exchange the secret keys and data securely between servers and clients

**Tools/Technologies:** Java/J2EE, Microsoft Exchange Java API, Golang, Terraform, Hibernate, NoSQL ,Angular, Java API, Jersey 1.6, JAXRS,JSON, XML, SOAP using Axis 2, JAX-WS, WSDL, Node.js, websockets,MongoDB**,** Spring Boot**,** SAX, DOM, AWS, AES, RSA,linux,Kafka, Flink, HTML, JavaScript, CSS, Eclipse, Apache Tomcat 6.x, 7.x, Apache HTTP Server, Apache JMETER, Python, MYSQL 5.0, PostgreSQL

**Client: Blue Chips, Salt Lake City, UT Sep 2019 to Dec 2020**

**Role: Backend Java Developer**

**Responsibilities:**

* Coordinated with hardware and system engineering leads to gather and develop system requirements
* Guided 5-member support team in solving complex issues in the POS system
* Used Servlets as Controllers for **MVC** architecture and Hibernate in business layer to access MySQL Database.
* Implemented connectivity to databases using JDBC API from servlets and JSP through Enterprise Java Beans(EJB).
* Performed Web services testing between and third-party applications using **Soap UI** and performance functional testing of **RESTAPIs** using **JMeter**
* Developed a shell script which picks up and changes the server commands for various otherscripts to identify the java 8,11 version.
* Designed processes that helps in applications integration and implementation across the enterprise
* Performed testing on software to uncover bugs and troubleshoot performance and integration issues before application monthly release
* Tested new **AP**I’s on daily bases and modified the code for optimizing performance as a improving the functionality of clients software
* Used Swing worker thread to handle multi-threading and used the swing components to develop the interactive web based applications
* Built microservices using Docker, azure, AWS Lambda, and Elastic Beanstalk.
* Used of native methods running in the PASE for i environment.
* Used native methods to access functions that are not available in Java.

**Key Achievements:**

* Analyzed troubleshooting methods, devised 2 new solutions that helped improve the overall application
* signing and online log monitoring process.
* Performed testing on software to uncover bugs and troubleshoot performance and integration issues
* before application monthly release.
* Migrated the server using the AWS services to a cloud environment.

**Tools/Technologies:** Java/J2EE, Spring framework DI,Java native,NoSQL**,** Node.js., azure,Spring Boot**,** AWS , Hibernate ,Kafka,MVC, Servlets,linux, OS Internals ,Python ,JSP, Agile Methodology, Jboss 6,JDK 7, XML, JSP, XSD, Kubernetes, Eclipse Indigo, JS, AJAX, CSS, Oracle, Jenkins, Ant, JSON

**Client: Ingenious solutions, INDIA Mar 2017 to Aug 2019**

**Role: Java Developer**

**Responsibilities:**

* Implemented JMS based messaging system for asynchronous communication to send, receive and read
* messages between multiple systems in the 2net Ecosystem
* Used most of the new features of **Java 8** like **lambda expressions** for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Directed remote teams in India dedicated to application design and quality assurance testing
* Worked on migration Microsoft azure service to AWS service for a project.
* Used Spring Framework with **Hibernate** to map to Oracle 10gdatabase and mapped using Hibernate Annotations.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Created procedures for application on device monitoring, Python recovery and backup
* Defined customer requirements to develop clear specifications for creating well-organized project plans.

**Tools/Technologies:**

Java/J2EE, Spring Portal MVC, Spring Web Service,Hibernate, Kubernetes, azure, AWS ,Python,Apache Tomcat, JUnit, TestNG, SOAP UI, JQuery, AJAX, Maven Build Script, SVN

**Client: BVG Industries Ltd, New Delhi, India. June 2014 to Feb 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like requirement gathering, design, analysis and code development.
* Used Rational Rose to generate use case diagrams, class diagrams and sequence diagrams
* Developed the applications using Java, J2EE, Struts, JDBC, Apache Tomcat.
* Worked with persistence mechanisms and **APIs** like **JPA, JDO (Java Data Objects), EJB, and iBatis**.
* Involved in the development of the application by using spring framework along with the MVC architecture.
* Designed and developed web interfaces and business logic using Spring, JSP, Servlets, JavaBeans, Spring JDBC, JavaScript, HTML, and XML Technologies.
* Functional knowledge in implementation of AWS Cloud based technologies like Elastic Servers, EC2 Instance and S3.

**Tools/Technologies:**J2EE, Ejb, Spring, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, SOAP, Angular JS, AWS, JDBC, JavaScript, HTML, CSS, Apache Tomcat, Log4j, Junit, Eclipse.