**VIKAS**

818-835-2492

vvik7842@gmail.com

<https://www.linkedin.com/in/vikas-v-257b24ab/>

**SUMMARY:**

* **Over 8 years** of experience in requirement gathering, analysis, design, development, integration and testing of Client/Server based applications using **Java** and **J2EE** object-oriented technologies
* Experienced in using **Agile** Methodology including creating product / Sprint catalogues, active participation in Scrum, Sprint planning and exit meetings.
* Familiar with all aspects of technology projects including **Business** **Requirements**, **Technical** **Architecture**, **Design** **Specification**, **Development** and **Deployment**.
* Expertise in **Core** **Java** Concepts like **OOPs**, **Garbage Collector, Collections**, **Multithreading**, **Exception** **Handling, Generics, Synchronization, Serialization and De-serialization.**
* Extensive experience in **Java/J2EE** technologies such as **JDBC, JSP, JSF, Servlets, EJB, Hibernate, Spring, XML, XSD, XSL, JNDI, Web services**, **Struts**, **Hibernate**, **JMS, AJAX.**
* Good working experience with **Java 8** features such as **Lambda expressions**, **Default** and **Static** methods in **Interfaces, Streams API**, **Optional Class** and **Parallel sort** in **Arrays.**
* Have good working experience in **Groovy** scripting and **Grails** framework and used it important features like List, map, range and regular expression literals.
* Experience in implementing the J2EEdesign patterns like Singleton, Factory, MVC (Model View-Controller), Adapter, Session Facade, DAO (Data Access Object).
* Extensive experience in **Object Relational Mapping (ORM)** using **Hibernate 4.x**, **Hibernate OGM,** **MyBatis** and **Spring Data JPA** frameworks.
* Strong experience in building web application using various **Spring Framework** features like **Spring Core**, **Spring MVC**, **Spring Boot**, **Spring REST**, **Spring** **IOC**, **Spring** **AOP**, **Spring Boot** **Thyme leaf**, **Spring Security, Spring Injection, Spring JPA Crud** and **Spring Annotations.**
* Experience in developing applications as **Microservices** using **Spring Boot** based on **Service Oriented Architecture** (**SOA**)with **ESB (Enterprise Service Bus).**
* Experienced in producing and consuming **SOAP** and **RESTful** Web Services using **JAX-RS**, **JAX-WS, WSDL, JAX-B** APIsand implemented using **Jersey**, **Jackson** and **Spring REST** libraries**.**
* Experienced in using **Lombok** and **Swagger** Annotations.
* Strong experience in developing Dynamic Single Page Application (SPA) using MEAN (**Mongo, Express Angular 7** and **Node JS** full stack development tool kit.
* Developed dynamic web applications and web services using **RAD, Eclipse, JBuilder, JDeveloper**, **NetBeans and Web Logic workshop.**
* Worked extensively with **React JS** and developed real time applications using **React JS architecture- Redux** for building UI and designed reusable components using **React JS**.
* Experience in **Redux architecture** and implemented single page applications with **React Router**.
* Worked in using **ReactJS** components, Forms, Events, Keys, Router and Redux concept.
* Worked with **React Component Life cycle** in updating the **Virtual DOM** and making **AJAX calls** in components**.**
* Responsible for developing web applications using **AngularJS/Angular 5** and bootstrap hands on experience in MVC framework using **AngularJS**, custom Directives, and Controllers.
* Possess good knowledge on document generation using **Apache** **POI** and **I-Text** and dynamic data visualization tools like **D3.js** and **Angular Fusion Charts.**
* Extensive experience in developing web pages using front-end technologies like **HTML5, CSS3, JavaScript 2.0, Angular 4, jQuery 3.0, Bootstrap 4/3, AJAX.**
* Proficient in handling Web and Application Services in creating Domain, configuring connection pool, JMS, deploying applications on **WebLogic, WebSphere,** **Apache Tomcat**, **JBoss** and **Glassfish**
* Well versed in querying **MySQL 5.0**, **PostgreSQL 8.0**, **Oracle 11g R2** DB - Optimizing **SQL queries**, **indexing**, **PL/SQL procedures** and **exception handling**.
* Experienced in handling Version Control Systems like **SVN** & **GIT, Maven** as a built automation tool & Apache **ANT** as a Java library.
* Experience in de-bugging using implementation of **Apache Log4j** for logging and **Jira**, **GitLab**, **Bugzilla** for issue-tracking and automation tools like **Maven 3.x** and **Gradle.**
* Performed **Unit Testing, Integration Testing** and generation of test cases for web applications using **Log4J, Mockito** and used **Jasmine** for front end testingand automation framework like **Selenium.**
* Worked on various testing tools like **Mocka, Karma Junit** and **Mockito.**
* Extensive use of Use case model, use case diagrams, activity diagrams, object diagrams, component diagram, class diagrams and sequence diagrams using **MS VISIO** and **RAD** **7.5/8.0**
* Used **Jenkins** pipelines to drive all **Micro Services** builds out to the **Docker** registry.
* Extensively worked on **Docker** for different infrastructure setup and end to end automation.
* Used **SonarQube** plugin in Jenkins pipelines for code quality testing and analysis.
* Experience with employment of **Apache Kafka**, **Zookeeper** apart from **JMS** as messaging service.
* Expertise in **Amazon Web Services (AWS)** such as **EC2, AWS RDS, Dynamo DB, S3, Elastic Beanstalk, VPC** and **Security groups, Simple Email Services, Simple Notification Services.**
* Experienced in **Azure** cloud environments like **Azure Data Factory**, **Azure Cosmos DB**.
* Worked on Azure Development, Azure web application, **App services**, **Azure storage**, **Azure SQL Database**, **Virtual machines**, **Azure Active Directory, Azure search, and notification hub**.
* Configured and used **Azure Virtual Machines** (**VM**) Storage like tables, blobs. Worked with variants like page blobs, and block blobs ensuring storage efficiency. Used **Azure Monitor** and Log Analytics to create and visualize any alerts in the system.
* Setting up **Azure Migrate**and **Azure Site Recovery (ASR)**servers using **open virtualization format (OVF)** templates in the on premises vCenter host.
* Planned and implemented data and storage management solutions in **Azure**(**SQL database, Blob Storage** and **Table storage**) and deployed **Azure SQL**Server.
* Used **Kubernetes** to orchestrate **Docker** containers and configure the pods to run the application.
* Good written and oral communication skills and Interpersonal skills with a strong ability to excel through collaboration with team members.

**TECHNICAL SKILLS:**

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| **Languages** | Java 1.8/1.7, J2EE, C++, C, PL/SQL |
| **Technologies** | Java Servlets, JSP2.0, HTML5, AJAX, XHTML, DHTML, CSS3, Java 1.8 Script2.0, Angular JS, Node JS, Ext JS, BootStrap4, JMS |
| **Tools and Framework** | Spring 4.x, Spring MVC, Spring IOC, Spring Cloud, Struts 1.3/2.0, Hibernate, JSF, Spring Boot, Spring Security, Apache CXF, Groovy Grails, myBatis. |
| **Scripting Languages** | Java script, HTML5, CSS3, AJAX, XML, Angular 5 |
| **Databases & Clients** | Oracle 8i/9i/10g/11g, DB2, MySQL 5.x, SQL Server 12.0, MongoDB, Cassandra, Postman, SOAP UI |
| **Version Control** | Git, Bit-Bucket, CVS and SVN |
| **Web Services** | SOAP, JAX-RS, JAX-WS, WSDL, UDDI, JAXP, JAXB, Apache Axis  |
| **Web Servers** | Apache Tomcat, JBoss, GlassFish Server, WebSphere 8.5 |
| **Methodologies** | Rational Unified Process, Agile, Scrum, Test Driven Development  |
| IDE & Containerization | Eclipse, Visual Studio, IntelliJ, Apache Tomcat, Docker |
| **Tools** | Selenium, SonarQube Log4J, Junit, Ant, Mockito, Maven, Rational Rose, UML, Rational Clear case, Mocka, Karma. |
| **Cloud Technologies** | AWS-EC2, S3, VPC, Jenkins, Cloud Watch, PCF, GCP, AZURE  |
| **Project Tools & Build Script** | Jira, Jenkins, Gradle, Maven |
| **OS & Environment** | Windows, Unix, Linux and Mac |

**PennyMac Loan Services, Agoura Hills, CA August 2019 – Till date**

**Role: Full Stack Java Developer**

**Description:** PennyMac worldwide builds the services for Mortgage. As a Full Stack engineer, I worked in Customer Management team. In my everyday task I’m responsible for creating multiple micro services. To design this micro service I used Rest API, to build this microservices I used Java as programming language & spring framework for backend. CSS, Bootstrap & HTML React Js library for front end, used Oracle database. All our services are hosted in AWS EC2 Instances.

* Worked in **Agile Scrum Methodology** and **Test-Driven Development (TDD)** for the software development process to produce high quality application
* Developing Single page application using the technologies like Typescript, Bootstrap4, JavaScript, CSS3, HTML5.
* Worked on **REACT JS** by consuming Restful web services& used forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Used **React JS** for frontend framework and **Redux** architecture for creating data layers for unidirectional data flow.
* Involved in using **React-Router** to turn the web application into single page Application and to **route** among different components.
* Extensive use of **reusable** components and **containers** inside **React-Redux** application.
* Developed **Navigation bar**, **menu bar**, **drop down list** with **React widgets** and bootstrap.
* Worked in using **ReactJS** components, Forms, Events, Keys, Router and Redux concept
* Implemented **REACT JS** services to connect the web application to back-end APIs to POST/GET/PUT/DELETE the data used in the application.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML5, CSS3, JavaScript, ES6, D3JS and NodeJS.
* Created **Type script** reusable components and services to consume REST API's using component-based architecture provided by Angular.
* Worked with **Express.js** for development of RESTful web services and middleware configurations**.**
* Worked with **Http Interceptors** configurations for security in **REACT JS applications.**
* Worked in all phases of usability testing including user profiles and personals, task analysis, contextual research, test moderation, and reporting using **Jasmine and Karma.**
* Used Java 8, REST and Spring Framework for developing the application. Implemented the persistence layer using Hibernate and configured Hibernate with Spring to interact with Relational Data Base Systems and used streams & lambda expressions to increase performance.
* Used spring framework & its features like Spring boot, Spring MVC, Spring data JPA, Spring security, Spring Aspects. We implemented spring security using JWT.
* We used frameworks like **Swaggers** & **Lombok** and used **Junit** & **Mockito** as frameworks for unit testing.
* For communication between microservices we used rest template calls, used **SLF4J** as logger & used **Kafka** for logging purpose and used RabbitMQ setup to get config file by performing event bus.
* All the developed Microservices are cloud ready, PCF features we used are **NETFLIX EUREKA SERVER**, **ZUUL API** gateway, **Ribbon load** balancer**, Hystrix**, **Sleuth** & **Zipkin** for tracing purpose.
* Used Hibernate for Object Relational Mapping and used **Oracle** as a database.
* Used **Splunk** for searching and Monitoring & used **Feign client** which is a declarative webservice that acts as an interface annotate pluggable annotation support and used Mulesoft as the **Integration Pattern** to communicate between different enterprise component.
* We used **Git & Gitlab** as source code Repository & version control systems and implemented **Gitlab** CICD pipelines.
* For CI/CD we used Maven built tool for continuous Integration we used Jenkins pipelines & stored our built artifacts in **Nexus** repository.
* Used **Docker** to deploy our artifacts & used **Kubernetes** to orchestrate the docker container.
* Created and developed **OAuth 2.0** server with OpenID for Authentication and Authorization purpose.
* Used **POSTMAN** tool for testing our Rest Based End points.
* Created an image and Amazon workspace in **AWS cloud** by using **AWS SDK** through Java for proving Virtual Desktop Images (**VDI**) to the users.
* Developed the modules by using **AWS SDK** to make a daily back up of **Amazon EC2** Instance volumes.
* Integrated e-connectivity application to **Amazon S3** for storing huge data through **Crush FTP** as underlying storage mechanism. Created IAM roles with **S3** access and integrated that role to **EC2** instance.
* Deployed our microservices in AWS EC2 instances in which I installed WebSphere server and used **AWS RDS** in which we used **Oracle DB** as a data storage in AWS.
* Used **Unified Inventory Management** system an Oracle product tool as a part of data storage.
* Worked on Data Migration from **PL/SQL 11 to Oracle 12C.** Creating and replacing procedures to migrate old data into new system for the database storage.
* Configuring of monitoring and alerting tools according to the requirement like **AWS CloudWatch**, **CloudTrail** and creating alarms and notifications for **EC2** instances.

**Environment:** HTML5, XHTML, CSS3, JavaScript, core Java J2SE, Dojo, Jeet, Angular 5, Node.JS, D3JS, Handlebars.js Mongo DB, jQuery, Backbone JS, , AJAX, JSON, XML, Jasmine, Rest Api, Micro Services, Hibernate, Jenkins, Postman, Kubernetes, AWS SDK, AWS EC2, Dynamo DB, OAuth 2.0, Spring Framework,

**Well Care, Tampa Florida June2018– Aug 2019**

**Role: Full Stack Java Developer.**

**Description:** Well Care is a Health Insurance Company it provides managed care services. As a Full Stack engineer, I majorly worked on view rates and details. I’m responsible for creating multiple micro services. To design these micro services, I used Rest API, and built them using Java as programming language & spring framework for backend. CSS, Bootstrap & HTML Angular library for front end, used DynamoDB No-SQL database. All our services are hosted in AWS EC2 Instances.

* Worked in **Agile Scrum** Methodology and **Test-Driven Development (TDD)** for the software development process to produce high quality application
* Worked on **Angular 5** by consuming Restful web services & used **Angular 5** forms like Template Driven forms and Modern Driven (Reactive) forms to perform validations both on server and client side.
* Working as Full Stack Developer assisting my team in Designing and developing more dynamic webpages for better user experience.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like **HTML5, CSS3, JavaScript, ES6, D3JS, Angular** and **NodeJS.**
* We used **Angular 5** and used TypeScript as user side server and **Netlify** as server to host front end application.
* Implemented **Angular 5** services to connect the web application to back-end APIs to POST / GET / PUT / DELETE the data used in the application.
* Created Type script reusable components and services to consume REST API’s using component-based architecture provided by **Angular.**
* Worked with Express.js for development of RESTFUL web services and middleware configurations.
* Worked with Http Interceptors configurations for security in **Angular 5** applications and **Angular 5** directives, components, pipes, injectables.
* Used **Java 8**, **REST API** and **Spring Framework** for developing the application. Implemented the persistence layer using Hibernate and configured **Hibernate** with Spring to interact with the **MongoDB** Database streams and **lambda** expressions to increase performance.
* Used **Spring framework** & it’s features like **Spring boot, Spring MVC, Spring data JPA, Spring security, Spring Aspects &** We Implemented Spring Security by using **JWT.**
* We used frameworks like **Swagger** & **Lombok** and used **SL&4J** as logger, used **Kafka** for logging purpose used PCF and all our microservices are cloud Ready.
* We used **GIT** & **Gitlab** as source code Repository & Version control systems Couple of features we used are **Netflix** **Eureka Server, Zuul API Gateway, Ribbon load balancer, Hystrix, Sleuth & Zipkin** for tracing purpose.
* For CI/CD we used **Maven built tool** for continuous Integration we used **Jenkins** pipelines & stored our built artifacts in **Nexus** repository.
* Used **Docker** for deployment our artifacts & used **Docker Swarm** to orchestrate the container
* Used **POSTMAN** tool for testing our Rest Based End points.
* Also used **Mocka, Karma** for UI testing and used **Junit** and **Mockito** for Back end code testing
* Used **GIT** and **GITLAB** as a Version Control System, created and cloned central repository locally, created sub- branches, pull any new changes, and then finally push their changes back to the central repository.
* Used Apache **Kafka** for logging purpose. Used **RabbitMQ** setup to get config file by performing event bus.
* Created an image and Amazon workspace in **AWS cloud** by using **AWS SDK** through Java for proving Virtual Desktop Images (VDI) to the users.
* Developed the modules by using **AWS SDK** to make a daily back up of **Amazon EC2** Instance volumes.
* Integrated e-connectivity application to Amazon S3 for storing huge data through Crush FTP as underlying storage mechanism. Created IAM roles with S3 access and integrated that role to EC2 instance.
* Deployed our microservices in **AWS EC2** instances in which we installed WebSphere server
* Used **DynamoDB** which is **NoSQL** database storage in **AWS**.
* Configuring of monitoring and alerting tools according to the requirement like **AWS CloudWatch**, **CloudTrail** and creating alarms and notifications for **EC2** instances.

**Environment**: HTML5, XHTML, CSS3, JavaScript, core Java J2SE, Dojo, Jeet, Angular 7, Node.JS, D3JS, Handlebars.js Mongo DB, jQuery, Backbone JS, , AJAX, JSON, XML, Jasmine, Rest Api, Micro Services, Hibernate, Jenkins, Postman, Kubernetes, AWS SDK, AWS EC2, Dynamo DB, OAuth 2.0, Spring Framework,

**Client: Invesco ltd July2015-Nov2017**

**Role: Java Developer**

**Location: Hyderabad, India**

* Implemented Agile Methodology for software development process.
* Designed the application by using **Spring Framework**.
* Extensively used **Spring MVC** framework to develop the web layer for the application.
* Used J2EE design patterns; Value Object Pattern, MVC, Session Facade, Business Delegate, Service Locator & DAO.
* Used Hibernate ORM framework as persistence engine, configured O/R mapping & wrote Hibernate queries by **HQL.**
* Developed all **JSPs**, action classes and helper classes involved in the project.
* Integrated the application with Spring Framework for implementing Dependency Injection and provide abstraction between presentation layer and persistence layer.
* **Developed RDS client code**, on the top of **spring**-based **SOAP web service**, to **insert**, **search and retrieve, update and delete** the revenue documents from **Documentum**.
* Also used **SOAP UI tool** to create test cases and quickly unit test the web service code.
* Created SOAP **testcases** for different test scenarios and integrated the **test suite** to Jenkins.
* Implemented **Controller** and mapped it to a URL in.servlet.xml file.
* Implemented JSP corresponding to the controller where in the data was propagated into it from the model and view object from the controller.
* Used **Angular JS** as framework to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with server.
* Created **custom directives** in **Angular JS** for re-usable components (multi-field form elements, background file uploads)
* Created custom filters to organize data in a more controlled manner & Integrated the third-party plugins like **ui-grid** and **ag-grid** to the application.
* Worked on incremental refactoring of the application though Hybrid approach (i.e. running two frameworks parallelly).
* Leveraged **Angular** resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Involved in implementing the complete Application in the in-build **MVC Architecture** with **Angular JS.**
* Implemented **Angular JS** controllers and directives for application functionality
* Developed JSP as the view, **Servlets** as Controller in the Struts Framework.
* Parsed the data retrieved from the database using **JAXB.**
* Exposed various capabilities such as Web Services using **SOAP** and **WSDL**.
* Configured and created application log files using **slf4j 1.6** required to trace messages & used **SOAPUI** for local testing.
* Worked in Requirements gathering and Designed Application flows and developed **UML** diagrams.

**Technical Stack:** Java, Spring, Spring JSP, Hibernate 3.0, Oracle 10g, HTML, XML, JSON, SOAP, WSDL, JUnit, ANT, slf4J, SVN, Tomcat, Eclipse, Servlets.

**Client: Blueberry labs July2012-July2015**

**Role: Java Developer**

**Location: Hyderabad, India**

* Worked on Waterfall Methodology to implement the application & Involved in all the phases of Software Development Life cycle **SDLC** and participated in design and code reviews. Performed the analysis, design, and implementation of software applications using **Java, J2EE**.
* Implemented design patterns like Data Access Objects (DAO), Value Objects/Data Transfer Objects (DTO), and Singleton etc. Developed JavaScript validations on order submission forms.
* Worked with core java concepts such as OOPs, Multi-threading, collection framework and Exception handling.
* Developed and implemented spring and **J2EE** based **MVC** (Model-View-Controller) framework for the application.
* Coded Modules in **Java, HTML, JSTL, JavaScript, CSS, JSP** and **Servlets.** Created dynamic HTML pages, used **JavaScript** for client-side validations, and **AJAX** to create interactive front-end GUI.
* Developed Action Forms and Controllers in **Struts** 2.0/1.2 framework.
* Designed, developed and maintained the data layer using Hibernate.
* **JUnit** was used to do the Unit testing for the application.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
* Used Apache Ant to compile java classes and package into jar archive. Wrote **PL/SQL** queries, stored procedures, and triggers to perform back-end database operations.
* Involved in coding, maintaining, and administering Servlets, and JSP components to be deployed on a Web Sphere Application server.
* Involved in tracking and resolving defects, which arise in QA & production.

**Technical Stack:** Java5, JavaScript, CSS,HTML,JDBC, Servlets, JSP, My SQL, HTML, SOAP, Eclipse, WSDL, WebLogic Server, EJB, GIT, CSS, Strut.