**Venkata Bhupathiraju**

**Senior Full Stack Developer**

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**Professional Experience:**

1. Over 10 years of relevant experience in Software analysis, design, development, testing and maintenance of web and enterprise applications using Java and J2EE technologies.
2. Areas of expertise include Core Java, Struts1 and Struts 2, Spring Framework (MVC, JDBC Templates, AOP, Security, Integration), Hibernate, JPA, Servlets, JSP, Web Services (SOAP and REST), XML, JSTL, Java Beans.
3. Hands on experience with Data Structures, Algorithms, Collections Frameworks and solving critical analytical problems in code.
4. Experience in Building Java/J2EE Applications using Spring Boot, Spring MVC and Micro-Services.
5. Hands on experience in creating components using AngularJS and Angular 2/4 and above.
6. Experience in TypeScript and ECMAScript 6.
7. Hands on experience in building distributed applications and Microservices.

Experience in developing web applications with various open source frameworks: Spring Framework, Spring (MVC), Hibernate AND ORM Frameworks.

Developed scalable applications using the MEAN (Mongo-DB + ExpressJS + AngularJS+ NodeJS) stack and created POC's for rest service development using NodeJS, Express.JS and MongoDB.

Experience in designing and developing prototype designs into fully functional, web sites

Experienced in Java Messaging Services-brokers Apache Active MQ, Websphere MQ.

1. Experience in building SPA (Single Page Applications).

Expertise in developing framework’s for automation using Selenium & TestNG.

Expertise in Client Side designing and validations using HTML and Java Script.

Expertise in Frameworks like HIBERNATE and JPA.

Expertise in JavaScript such as manipulating DOM, Event handling, Callback, Closure Identity

Well versed in using Software development methodologies like Agile Methodology and Scrum software development processes.

Advanced understanding of testing tools and unit test and integration test scripting and testing methodologies.

Involved in developing product components using the full stack technologies like AWS (Dynamo DB, SQS, S3, EC2, EBS, RDS) & Postgres DB.

Worked on Spring framework for developing Multi-Tier distributed enterprise applications.

Experience with developing API’s using Restful web services.

Well versed with AWS (Amazon Web Services) such as EC2, S3 Buckets, EBS.

Experience in writing Web Services in SOAP, REST & JAX-RS.

Understanding with Amazon Web Services (AWS) capabilities and limitations.

Used Java Message Service JMS API, JNDI and EJB for reliable and asynchronous exchange of important information

Experience in Kafka for making async calls for our messaging system

Worked with AWS EKS, ECS and Openshift for Docker & Containers.

Designed web pages using with HTML5, CSS3 and JQuery based on the W3C standard.

Solid experience in Design Patterns, Object Oriented Design, Model-View-Controller.

Extensive experience with Java complaint IDE’s like Eclipse.

Well versed with core Java concepts like Collections, Multithreading, Serialization, and Java Beans.

Experience in writing SQL, PL/SQL and Stored Procedures.

Experience in using TDD for development and used Junit, Mockito.

Experience with build and release tools like Jenkins, Maven, Gradle, SBT.

Good understanding of Relational Database such as Oracle and MySQL.

Initiative in providing value addition solution to enhance business and infrastructure capabilities.

Very comfortable in analyzing, debugging, troubleshooting, solving problems and issues in the application.

Excellent analytical and critical thinking, creative problem solving, quick learning, leadership, interpersonal and client interfacing skills.

**TECHNICAL SKILLS**

Programming languages: Java, C, SQL, PL/SQL

Frameworks: Spring Security, Spring AOP, Spring MVC, Spring Boot, Hibernate, JPA

Java/J2EE Technologies: Java Beans, JSP, Servlets

Web Services/Messaging: Micro Services, SOAP/RESTful Web Services, JAXB, JAX-RS,

Testing Frameworks: JUnit, Mockito, Apache JMeter

Web Design Technologies: HTML, JavaScript, XML, CSS, JSON, Angular JS

Database Development: SQL, JDBC, MySQL, Microsoft SQL Server, Microsoft Access

Application /Web Server: Apache Tomcat, JBoss, IBM WebSphere

IDE: Eclipse, STS, Postman, SourceTree

Build Tool: Maven

Devops: Git, Jenkins, Bit Bucket

Operating System: Microsoft Windows, Unix, Linux

Certifications: Microsoft Technical Associate

Cloud Technologies: AWS, Microsoft Azure

**EXPERIENCE:**

**Prudential, NJ April21 – Till Date**

**Role: Senior Full Stack Developer**

* Worked on Spring boot application which enables customer required data from user-end using RESTful API’s
* Used Angular 8 to create a single page application that can bind data to specific views and synchronize data with the server using Sass, LESS, Bootstrap, Angular8.
* Wrote Rest-Controller w.r.t RESTful standards in Spring MVC to connect model with view
* Experienced with Angular MVC framework as well building Components, Type Scripts, CSS and building web applications
* Involved in designing, developing, and testing the application by using the HTML5, CSS3, Bootstrap, Angular 8.
* Worked upon Angular which interacts with RESTful services at backend
* Designing REST based Micro-services using the Spring Boot, Spring Data with JPA and used Postman to interact with API end points of the micro-services.
* Involved in development of REST Web Services using Spring MVC to extract client related data from databases and implementing the Microservices to base on RESTful API utilizing Spring Boot with Spring MVC.

**CVSHealth, Woonsocket,RI April’19 – April'21**

**Role: Senior Full Stack Developer**

* Followed Agile software development practice paired programming, test driven development and scrum status meetings
* Proficiency with algorithms and data structures
* Developed, maintained user interface screens using JavaScript, jQuery, Angular JS, HTML, CSS, Bootstrap UI, ASP.NET MVC, C#. Created TypeScript reusable components and services to consume REST API's using Component based architecture provided by Angular 6/8.
* Developed framework from the scratch for using Cypress to automate UI and used Java script, NodeJS and NPM for Angular based user interface.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Experience in developing and creating a rich user interfaces and related data modelling using Angular8/6.
* Experience in building end to end web applications using MEAN stack with Angular1.X, 2.Client-Side code were written in ReactJS and Server Side Code were developed using MVC5.
* Involved in designing Spring MVC application and Hibernate to design module structure
* Developed Data layer using Hibernate framework, configured XML mapping files, wrote POJO classes and PL/SQL stored procedures
* Responsible to create DAO CRUD methods using Hibernate & Spring framework
* Wrote HQL to handle data from databases using Hibernate APIs such as create Query.
* Implemented reverse engineering in Hibernate to create beans w.r.t schema in database
* Configured Dispatcher Servlet and View Resolver to intercept incoming requests, manage Spring MVC flow and invoke view components with the help of Dispatcher Servlet
* Wrote Rest-Controller w.r.t RESTful standards in Spring MVC to connect model with view
* Worked upon Angular 4 Service which interacts with RESTful services at backend
* Collaborated for Angular 4 Components which takes care of view part of the application
* Made sure Routing in Angular 4 application is appropriate which helps wiring views together
* Implemented multi-threading to handle synchronization for users accessing modules
* Tested Rest APIs in Spring-Controller at backend for JSON data using Postman
* Worked on Skype Bot application, which is used for our messaging system, developed multiple topics, subscriptions, java streams, JMS
* Developed various modules w.r.t design patterns such as Factory and Singleton
* Used Maven to add dependencies required for the project
* Worked on JUnit for unit testing of the application
* Used Spring Boot at back-end which helps to develop application with ease
* Used Tomcat server for application deployment
* Worked on bug fixing and supported the production application
* Worked on AWS components as well like AWS Lambda’s, SQS, SNS and Cloud formation Scripts.
* Deployed few app’s on EC2 instances using Lambda’s, used Aurora DB for CRUD operations.
* Used Dynatrace/Splunk for data monitoring for few applications
* Worked on Azure Resources, Groups, VM’s, Azure SQL DB and Azure ARM Templates.
* Deployed few java/ angular web applications using Azure Resources.
* Used GIT for version control and Eclipse IDE for development
* Used JIRA to handle software development issues

**Environment:** Java 8,Java/J2EE, Spring MVC, Spring boot, Hibernate/JPA, Web Services SOAP/REST, AWS, JDBC/ODBC, JMS, Kafka, KSQL, JSON, XML, CICD Testing, Junit, Mockito, TestNG, Apache JMeter, Load Testing, Throughput Testing, AWS S3, AWS EBS, EC2, Openshift/AWS EKS, AWS ECS, Eclipse IDE, GIT, GIT Bash, JIRA, TDD, Agile Methodology

**Incomm, Atlanta,GA Sept’18 – March’19**

**Role: Full Stack Developer.**

Responsibilities:

* Followed Agile software development practice paired programming, test driven development and scrum status meetings
* Intensively worked on lambda expressions, Stream API’s and functional interfaces in Java 8
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB (Load Balancers), RDS, SNS, SWF, and EBS etc.
* Used Spring framework for the business layer using Spring Core, DAO, Spring ORM, Spring IOC and Spring Web MVC
* Worked on Spring boot application which enables customer required data from user-end using RESTful API’s
* Used Hibernate as an ORM tool for connecting to the database and accessing information.
* Authored SOAP/REST based Web API wrappers to integrate with conventional Web Services.
* Familiar with microservices with Spring boot and Spring Cloud
* Created SQL Statement, Stored Procedure, and PL/SQL using Oracle SQL Developer
* Developed CI/CD pipelines with automated code which triggers certain threads as soon as you launch the code and run entire pipeline of PDS2
* It also interacts with AWS Lambda’s, SQS & SNS Topics and S3 buckets checks for the expected files in them in respective format such XML or JSON
* Developed and implemented AWS Lambda’s for running our internal applications in our pipelines while ingesting the data using Java and Python.
* Used Kinesis in AWS for few applications to monitor the real-time data transfer.
* Code and developed custom Elasticsearch Java-based wrapper client using the "Jest" API. To facilitate common access, to Elasticsearch.
* Worked with React for UI development as well for “People Search Portal”
* Worked on various projects for “Venus” development and testing
* Worked together with React UI team as well using JavaScript, React, Bootstrap, CSS.
* Experienced with Angular MVC framework as well building Components, Type Scripts, CSS and building web applications
* Deployed the Angular – Spring Boot MVC application’s on various servers
* Developed unit and integration tests for existing microservices using JUnit, Mockito, and Docker.
* Used GITHUB as the configuration management tool to manage the code repository
* Log4j is used for debugging process and application is built with Maven
* Worked on load and performance testing using Apache JMeter on RESTful endpoints of our database
* Worked on legacy applications to move them to Azure.
* Created few components on Azure to be used by these legacy applications and re-deployed on to Azure.
* Used JIRA for task and issue tracking for the project

**Environment:** Java 8, Java/J2EE, Spring MVC, Spring boot, Hibernate/JPA, Web Services SOAP/REST, AWS, JDBC/ODBC, JSON, XML, CICD Testing, Junit, Mockito, TestNG, Apache JMeter, Load Testing, Throughput Testing, Angular/React,Eclipse IDE, GIT, GIT Bash, JIRA, TDD, Agile Methodology

**Valparaiso University, Valparaiso, IN Jan’18 – Aug’18**

**Role: Web Developer, Intern.**

Application front end contains 3 different views for interns, site supervisors and internship director. Interns have access to time entry front, learning goals and tasks; which are routed to supervisor/director for authentication and records. The completed logs are posted to Blackboard to keep track of semester criteria. Backend has reporting capabilities and director front have graphical representation of all records per semester/per intern in dashboard.

**Responsibilities**:

* Responsible to build a responsive and interactive website using HTML5, JavaScript, CSS,PHP.
* Designed different front-end forms using JavaScript, jQuery, HTML 5 and CSS 3..
* Diligently troubleshot and resolved bugs which helped ensure optimal development environment.
* Created Software Design Documentation and testing plans to finish the website before deadline.
* Developed a Web Page using HTML5, CSS, JavaScript.
* Involved in Web Design, Development and Programming.
* Database design and implemented in MySQL.
* Experience in client web technologies using HTML, CSS, JavaScript.
* Developed SQL queries Stored Procedures for Insert, Update and Delete to the tables based on the Customizations using SQL Server.
* Created / modified SQL Queries for better performance tuning on analyzed code for the better outcome.
* Involved in writing complex SQL queries (Sub queries, Correlated sub queries and Join conditions).
* Created new tables, Sequences and written SQL queries in MySQL.

**DXC TCHNOLOGY, CONWAY, AR Feb’17 – Dec’17**

**Role: Java Developer.**

DXC Technology is an American multinational end-to-end IT services company headquartered in Tysons Corner, Virginia. DXC provides information technology and consulting services to businesses and governments.

**Responsibilities**:

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of Customer Specifications, Development, and Customization of the Application.
* Built SPA with multiple views using route services using Angular and Node.js.
* Designed Frontend with object-oriented JavaScript Framework like Angular, Node.js, Backbone.js, Knockout.js, React.js, Spine.js, Ember.js,Require.js, Express.js,Pdf.js and Ext.js and Experience with client-side templating like Handlebars.
* Developed front-end code with Ajax call in Angular2 and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server and created popup forms using Bootstrap Models, Angular JS Models and AngularJS Controllers.
* Developed entire server side using Node.js with Express.
* Written code according to coding standards& Created AngularJS Controller Which Isolate scopes perform 0operations.
* Used Rxjs catch library & catch functions to handle Error Handling in Angular 4, 5 and 6 Application.
* Implemented Angularjs Services for connectivity Between web application &back-end API'S using TypeScript.
* Built SPA with multiple views using route services using Angular 4/5/6 and Node.js.
* Created Angular components, implemented interpolation, input variables, Bootstrapping, NgFor, Ngif, Router Outlet, binding the events, decorators.
* Developed, maintained user interface screens using JavaScript, jQuery, Angular JS, HTML, CSS, Bootstrap UI, ASP.NET MVC, C#.
* Created TypeScript reusable components and services to consume REST API's using Component based architecture provided byAngular4/5/6.
* Utilized PHP, MySQL, JavaScript (Cross-Platform), HTML, XHTML, CSS to modify existing website, replaced existing functionality with new code.
* Designed the front-end with HTML4/HTML5 and CSS/CSS3, by taking advantage of the MVC pattern of the AngularJS framework. Used Gulp as a build system and JavaScript Task runner.
* Used CSS selectors for condition based styling and pseudo-classes to add some special effects to selectors.
* Developed application using MVC Frameworks like Backbone.JS, Node.JS, AngularJS and Bootstrap.
* Developed and used Angular bindings for various scripting tasks in AngularJS.
* Utilized the excellent modules for the flow control in asynchronous non-blocking of I/O with the help of Node.js.Expertise in JavaScript/CSS and JS frameworks like YUI.
* Worked with single thread and lightweight scripting for fastest data transfer within the Node.js.
* Implemented jQuery based accordion styles and handled complete jQuery in showing Rich Internet
* Application (RIA). Used JSON to fetch the data from Web Services.
* Hands on experience with data persistence using Hibernate and Spring Framework.
* Involved in implementation of enterprise integration with Web Services and Legacy Systems using SOAP, and REST (Using Axis and Jersey frameworks).
* Experienced in Financial Services.
* Developed the application under J2EE Architecture using spring, Hibernate, Servlets, and JSP.
* Used Spring Core for concept Inversion of control (IOC) implemented using dependency injection.
* Involved in multi-tiered J2EE design utilizing MVC architecture (Struts Framework), Hibernate deployed on Web Sphere Application Server connecting to a database. Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.
* Overcame challenges like data migration from MySQL to MongoDB.
* Usage of tools like RoboMongo, MongoVue and NoSQL Manager for migration of data between databases without any kind of data loss.
* Responsible for managing MongoDB environment with high availability, performance and scalability perspectives.
* Wrote different stored procedures in Oracle using PL/SQL
* Developed Object Model and UML design models for developing Use cases and created Sequence diagram, class diagram and active diagrams for application components and interfaces.
* Worked closely with various teams to resolve issues which include Business, QA, Build &Deployment, Off-shore, Tier2, Production Support teams.

**Technologies:** Java/J2EE, Spring MVC, Spring boot, Hibernate/JPA, Spring AOP, Spring IOC, Spring DI, Web Services SOAP/REST, OAuth, OAuth2.0, MySQL, MongoDB, GIT, Maven, Gradle, Agile Methodology

**Invesco, India May’14 – June ’16**

**Role: Java Developer**

**Responsibilities:**

* Responsible for requirement gathering, design, and development of the module in the product. Involved in making improvements in core logic by utilizing the Core Java design patterns like Factory and Singleton. Used agile methodology (Scrum) in the project development.
* Hibernate second level cache and pagination has implemented to increase performance.
* Developed the UI components jQuery data table, HTML5, CSS3 and implementing algorithms in core java.
* Created a DAO layer using Hibernate. Developed code for obtaining bean references in spring framework using Dependency injection (DI).
* Tomcat 5 Application server was used for deploying and running of the web applications made in Spring MVC (3.0) and database access module was created using Hibernate 3.2.
* Have used math algorithm for implementing
* Used spring AOP in order to eliminate cross-cutting concerns for logging.
* Providing estimations for new requirements, change request
* Participate in requirements elicitation, validation of architecture, create and review of the design.
* Providing pseudo code to the team and assist them in coding completion query optimization indexing to improve the performance of the work products.
* Built a User-Management web application using Angular and Java Spring Framework.
* This Angular application is used by our users where user can create and give access to our domain to other users by providing there Ldap credentials. It will automatically create access to all the applications we have in the organization or user can select which are to be given.
* Experienced various issues while calling the backend RESTful API’s, like performance issues, securing the client token, caching the data on browser memory etc.
* Configured POM projects using maven2. Wrote stored procedures in Oracle 10g for application specific.
* Have implemented spring security for basic authentication. Used JConsole to profile and analyzing heap dump.
* Used Hibernate as an ORM tool for mapping relationships between various entities in the project.
* Wrote shell scripts for war deployment in tomcat.

**Environment:** Java/J2EE, Spring MVC, Spring boot, Hibernate/JPA, HTML, CSS, Spring AOP, Spring IOC, Spring DI, shell scripts