

BHARGAV KUMAR

Sr.Full Stack Java Developer

(Expertise in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE and Internet technologies.)



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SUMMARY:

I am an experienced IT professional with expertise in Java, J2EE, and internet technologies. With 8 years of experience, I have developed critical business applications using various methodologies like Waterfall, Agile/Scrum. I have strong hands-on experience in developing enterprise and web applications using Java/J2EE, Spring, Hibernate, Servlets, EJBs, Struts, JNDI, Web services, XML, and JDBC. My skills include front-end development using Bootstrap, AngularJS, ReactJS, and NodeJS. I am familiar with AWS and have experience with various architectures for building highly scalable Java applications. I have excellent communication skills and work well both independently and as part of a team.



TECHNICAL SKILLS:

Web Languages	Core Java, J2EE (JSP, JSF, Servlets, Struts 2.0, Spring Web Flow, JSP Tag Libraries, EJB 3.0, JMS, JDBC, JNDI, JavaScript, SQL
Frameworks	Spring MVC, Spring Security (LDAP), Spring Core, Spring Web Flow, Spring DAO, Spring ORM, Spring Boot, Struts, Hibernate, JS Framework
Methodology	OOAD, OOPS, UML, RUP, Autosys, J2EE Design Patterns
Scripting Language	JavaScript, CSS, AngularJS, PHP
Web Technologies	HTML, DHTML, JavaScript, CSS, AJAX, JSON, ReactJS, jQuery, AngularJS
Database	Oracle11g/10g/9i, MySQL 5, SQL, PL/SQL, TOAD and SQL Server
Operating System	DOS, Windows, UNIX, RedHat
IDE Tools	Eclipse, RSA, JBuilder, Oracle ADF, Web Logic, Enterprise Architect, Rational Rose, LDAP, RUP Methodology, Clear Case/Clear Quest, RedHat JBoss Developer Studio
Web Services	SOAP, WSDL, UDDI, SOAP UI, RESTful
Version Control	SVN, IBM Clear Case, CVS
Tool	RAD, Eclipse, Edit Plus, Apache Ant, log4j, JUnit, Visio, ANT, Maven
Web/App. Servers	WebSphere Application Server 8.0, Apache Tomcat, SunOne Application Server, WebLogic 7.1/8.x, JBoss 4.x/5.x
Other	MS Office Suite, MS Frontage, Toad, SQL Developer, Microsoft VSS, Test Director, Dreamweaver, putty, GEMS, SOAP UI, C++, Oracle ATG, Drools



EDUCATION:

Master's in Information Science(2017) ,
Marist College, Poughkeepsie,NY.

Bachelor's in Civil Engineering(2014),
RV College of Engineering, Karnataka,India.



ACHIEVEMENTS:

- Successfully led the development and launch of a critical business application, utilizing Java, J2EE, Spring, Hibernate, and other technologies, resulting in increased efficiency and cost savings for the company.
- Designed and implemented an accessible front-end system using AngularJS, Typescript, and web content accessibility guidelines, resulting in a more user-friendly and inclusive application.
- Optimized database performance by generating DDL scripts, writing DML scripts, and automating data changes and reporting, leading to improved overall application speed and reliability.
- Collaborated with cross-functional teams to develop and deploy applications using continuous integration and continuous deployment techniques in Jenkins, resulting in faster deployment times and more efficient workflows.



PROFESSIONAL EXPERIENCE:

Great American Insurance Company (Cincinnati, OH) | Jan 2021 – till date

Role: Full Stack Java Developer

Responsibilities:

- Involved in Full Software Development Life Cycle (SDLC) from Requirement gathering, design, development, testing and documentation.
- Worked in Agile, CMMI Development Environment. Participated in the daily SCRUM meeting and paired programming to produce quality delivery within time.
- Designed common framework for REST API consumption using Spring Rest Templates.
- Designed application using Spring MVC, ISP, ISTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
- Extensively used Spring IOC, configured Application Context files and performed database object mapping using Hibernate annotations.
- Utilized Angular.JS framework to bind HTML5 template (views) to JavaScript object (models).
- Worked with Angular.JS applications for customer facing software using modern JavaScript development techniques and responsive design methodology.
- Involved java Multithreading to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
- Designed and developed common utilities for JSON to Java object and vice versa using Jackson libraries. Used Core Spring framework for Annotation based Dependency injection.
- Used Spring AOP to handle transactions session aspects and to implement security.
- Achieved transaction using Spring AOP and stored procedures.
- Used Spring MVC Spring Security Spring ORM modules to integrate with MongoDB to implement the persistence layer with JPA/Hibernate.
- Involved in Ecommerce project Development using Spring Web Flow and Hybris and developed front-end UI with Backbone.js, Query, CSS3, Dojo and AJAX.
- Development back-end with Spring MVC framework on underlying Hybris platform.

- Wrote spring configuration file to define beans define data source and hibernate properties.
- Performed data loading based on multi-consumers using Spring, Hibernate framework.
- Built microservices for the delivery of software products across the enterprise.
- Developed spring boot application for writing web services.
- Used Spring Boot which is radically faster in building cloud Microservices and develop spring-based application with very less configuration.
- Developed RESTful Web Services which are consumed by several clients like Mobile, Tablet, as well Web.
- Configured the web.xml file for REST server injection to enable the REST web services by using JAX API.
- Developed a cross-device/cross-browser web application for real-time location sharing utilizing AngularJS. JavaScript API.
- Leveraged Underscore JS functional programming without extending any built-in objects.
- Integrated the Java code (API) in JSP pages and responsible for setting up AngularJS framework for UI development. Developed html views with HTML5, CSS3, bootstrap and AngularJS.
- Implemented code according to coding standards and created AngularJS Controller, which isolate scopes perform operations.
- Developed custom directives and Services in AngularJS. Extensively used Grunt and Gulp as an associate to NodeJS to establish the connectivity between database and client.
- Utilized ReactJS & REDUX for rendering and deployment of end setting web pages.
- Used ReactJS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
- Modularized front-end CSS and JS code with Sass. Built a real-time mouse/click user analytics web service with NodeJS.
- Created sites to organize client contracts and to summarize monthly financial data using Ember JS, D3.js and MySQL.
- Worked on AWS, High Availability Practices and deploying backup/restore infrastructure.
- Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
- Developed and deployed Java applications on AWS cloud using AWS Elastic Beanstalk, AWS Lambda, and AWS Elastic Container Service (ECS).
- Utilized AWS Identity and Access Management (IAM) for secure authentication and authorization of Java applications.
- Integrated AWS services such as Amazon S3, Amazon SQS, and Amazon SNS into Java applications for seamless data management and messaging
- Implemented the function to send and receive AMQP messages on Rabbit MQ synchronously and asynchronously, and send JMS message to Apache Active MQ on the edge device.
- Composed and executed MongoDB scripts to insert and update NoSQL database; automating data changes and reporting.
- Developed and maintained build scripts using Maven to automate the build and deployment processes.
- Wrote custom plugins and extensions for Maven to automate repetitive tasks and streamline the build process.
- Setup Servers (Boss, Apache and UNIX) and deployed application in Dev, ST and UAT Environment.
- Designed and implemented Apache Kafka-based messaging systems for high-availability,

high-throughput data processing.

- Worked on multiple projects that involved integrating Kafka with various systems such as Hadoop, Spark, and Elasticsearch.
- Worked with various teams to design and implement high-performance data processing and messaging solutions.
- Utilized Kafka's built-in monitoring and performance metrics to identify and troubleshoot issues.
- Setup logging using Log4j for tracking the processes and errors.
- Worked in a test-driven development environment, used JUnit and Mockito for backend test cases, and Karma and jasmine for the frontend test cases.
- Cooperated with testing team in regression testing to fix the defects during the QA phase.
- Worked with the business analysts to gather requirements, create the JIRAS and plan the sprints.

Environment: Java 8.0, Design Patterns, WebLogic10.2, Java, J2EE Servlet, jQuery, Struts, Spring 4.0.6, Spring Boot, Spring Security, Spring Core, Spring MVC, Microservices, Hibernate, RESTful API, Web Services, SOAP, WSDL, UDDI, JAX-RS, Apache Kafka, JSON, React.JS, HTML, AJAX, JavaScript, XML, Angular.JS, NodeJS, MongoDB, SQL, PL/SQL, Ember.JS, TOAD, Oracle 10g/11g, MQ, Maven, Jenkins, Log4j, Junit, Mockito, Karma, Jasmine, JIRA

Edward Jones Investments (St. Louis, MO) | Sep 2019 – Dec 2020

Role: Full Stack Java Developer

Responsibilities:

- Involved in Design, Development and Support phases of SDLC. Used methodology and participated in SCRUM meetings.
- Developed the application using Spring Framework which is based on the MVC design pattern.
- Data Operations were performed using Spring ORM wiring with Hibernate.
- Used Ajax and JavaScript to handle asynchronous request, CSS to handle look and feel of the application.
- Used JSP, JavaScript, jQuery, AJAX, CSS3, and HTML 5 as data and presentation layer technology.
- Design and development of a proof-of-concept real-time notification system using Node.JS.
- Implement modules into Node.JS to integrate with designs and requirements.
- Used Angular JS and jQuery library functions for the logical implementation part at client side for all the application.
- Worked on Angular.JS, used its two-way data binding to achieve the feedback functionality from the user.
- Responsible for designing the User Interface by coding in HTML5, CSS3, AngularJS, Bootstrap to build this SPA Single Page Application. Implement REST-based web services with AngularJS.
- Developed a fully functional prototype application using JavaScript (jQuery and Backbone.js) and Bootstrap, connecting to a REST-full server on a different domain.

- React.JS and Functional Driven JavaScript expert in SPAs, UI Components, Mobile web and Performance optimization. Created custom filter in React.js in the application.
- Created forms to collect and validate data from the user in HTML5 and ReactJS.
- Developed an application using Ember JS and Django which allows users to publish content to Social Media channels.
- Designed and developed DAO layer with Hibernate standards, to access data from DB2 O Developed PL/SQL procedure for login module and registration module.
- Extensively used JDBC APIs for database activities on MySQL database server.
- Implemented Coherence Cache which can be used with Spring Annotations.
- Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
- Implemented the Project structure based on Spring MVC pattern using spring boot.
- Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs and Spring Boot for micro-services.
- Worked with RabbitMQ and AMQP Java APIs for Queues to build the application as SOA platform.
- Recommend and develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
- Created RFP microservices to provide RESTful API utilizing Spring Boot with Spring MVC.
- Wrote services to store and retrieve user data from the MongoDB for the application on devices.
- Bottle micro-framework implemented with REST API and MongoDB (NOSQL) as back-end database.
- Worked with development teams to implement TDD practices for better quality and test coverage of software applications.
- Developed test plans and strategies for testing Java applications using TDD methodology.
- Developed and maintained build scripts using Gradle to automate the build and deployment processes.
- Wrote custom plugins and extensions for Gradle to automate repetitive tasks and streamline the build process.
- Debugged and resolved build issues related to dependencies, conflicts, and versioning.
- Cloud technologies like Pivotal Cloud Involved in implementing Micro services using spring boot, Pivotal Cloud Foundry. Used GitHub repository for version control.
- Applications developed in Eclipse IDE with Java, Google Web Toolkit, Hibernate, CSS, JBoss, and HTML & Oracle DB. Developed JUnit test classes for testing the modules.
- Used JSON for data exchange between application modules along with XML.
- Worked with the JIRA tool for Quality Center bug tracking.
- Used JMS in the project for sending and receiving the messages on the queue.
- Installation/Support Apache Tomcat for support of Jasper Reports Server.
- Performed J2EE application deployment using JBoss application server on Windows and Linux.
- Installed and configured a Linux server to publish applications and the Database.

Environment: Java, Spring MVC, Spring Core. Spring Boot, Spring IOC, Spring Security, Spring Rest, Microservices, Hibernate MongoDB, JUnit, GitHub, JSON, Jira, XML, JMS, Linux, Drools, Oracle 10g, REST API, MySQL, Gradle, JSP, HTML5, CSS3, Ajax, jQuery, Ember.JS, Angular.JS, JavaScript, Bootstrap, React.JS, Windows

Wolters Kluwer (Chicago, IL) | May 2017 - Sept 2019

Role: Full Stack Java Developer

Responsibilities:

- Developed the application using Spring Framework that leverages classical Model View Controller MVC architecture.
- Developed single page responsive Web UI using HTML5, AngularJS, Bootstrap, CSS3, JavaScript, jQuery.
- Developed views controller and model components implementing JavaScript MVC.
- Developed Java Beans and Custom Tag Libraries providing client-side validations in JavaScript and providing interactive front-end GUI using AJAX.
- Used Joins Stored Procedures and Functions in Interaction with backend database using SQL
- Involved in all the phases of Software Development Life Cycle SDLC including analysis designing coding testing and deployment of the application.
- Developed the AJAX asynchronous calls to the server to validate and populate the pages that are directed through view resolver.
- Involved in development of the CSS classes for all error form elements and warnings.
- Designed and developed Prototype module using Angular.js and Ext.js, implemented Pagination, and Data grid added additional functionality for Data grid.
- Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs.
- Wrote database interaction code and used JDBC API to connect MySQL.
- Used Core Java with knowledge of multithreading concurrency memory management.
- Developed Java applications using Test-Driven Development (TDD) methodologies and related tools such as JUnit, Mockito, and TestNG.
- Designed and implemented automated tests for unit, integration, and end-to-end testing of Java applications.
- Used Oracle as database and involved in the development of PL/SOL backend implementation.
- Created web application prototype using Query and Angular.js.
- Developed front-end code with Ajax call in AngularJS and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server, then display the well-organized result in web pages by writing AngularJS controller, directives. services, and route providers. Also used Angular.js filter to make the data searchable and sortable.
- Responsible for Node.js RESTful API developing, as a middleware system to call SOAP web service.
- Implemented SOA to develop SOAP Based Web services using JAX-WS implementation and Apache CXF, Apache Axis 2 Framework.
- Middleware interaction used IMS/IBM WebSphere MO series for transferring messages between different components using the JMS/Mail API Framework.
- Used issue tracking tool JIRA for bug fixing and life cycle traceability.
- Designed SOAP based web service for handling asynchronous AJAX requests.
- Participated in preparing technical documents which includes logical flow of the code and UML diagrams and user's manual for the application.
- Performed J2EE application deployment using Boss application server on Windows and Linux.

- Designed and implemented build pipelines for Java applications using Gradle.
- Maintained and upgraded existing Gradle builds for improved performance and scalability.
- Worked on multiple projects that involved integrating Gradle with various systems such as Jenkins, Artifactory, and SonarQube.
- Automated various build tasks and deployments using Gradle plugins and custom scripts.

Environment: Java, JSF, Spring, Spring DI, Spring MVC, Spring REST, Spring Core, Hibernate, JSP, JMS, MDB, AJAX, JBoss, JPA 2.0, Java Beans, XML, Jenkins, HTML5 JavaScript, jQuery, AJAX, Jira, CSS3, XSL, Oracle 11g, SQL PL/SQL, MySQL, Angular.JS, Node.js, CVS, UML, Gradle, SOAP

Raytheon Technologies (Arlington, Virginia) | Jan 2016 - May 2017

Role: Full Stack Java Developer

Responsibilities:

- Designed UI patterns, UX patterns, GUI designs, page illustrations, and user conceptual designs, templates and banners using AdobePhotoshopS5 and AdobeIllustratorCS5.
- Designed and developed dynamic web pages using HTML5, Angular, Bootstrap, CSS, JSP.
- Designed and developed client's website screens and front-end widgets using React.
- Java Stack development from scratch including Apache Tom server setup.
- Responsible for developing a front-end application using React and FLUX architecture for internal team's productivity use.
- Wrote RESTful APIs in Java and return logic on Angular data binding.
- Used HTML5 functionalities such as Local Storage, WebSocket's and Canvas.
- Wrote unit tests in mocha, chai on server side and karma, jasmine on the client side.
- Used angular directives and services for developing interceptor and complex UI data table's grids.
- Made use of GRUNT CLI for minification on both server and client and running local server for client.
- Used http with Angular.JS interceptors to make sure the requests were valid and used UI-router to handle nested views and avoid page redirection.
- Involved in Enhancement of existing application utilizing React. Experienced in cross browser compatibility check and thoroughly performed unit testing using Karma and Jasmine.
- Used HP Quality Center to keep track of outstanding bugs to reduce downtime, increase productivity, and improve communication.
- Interacted with Testing Team, Scrum Masters and Business Analysts for Fixing of Issues.
- Primarily using Node JS, Express JS, MongoDB, Handlebars.js and PM packages to integrate new functionality and maintain previous code.
- Migrated existing code base from ISP to IS and HTML5 and rebuilt react components in ES6.
- Attended Daily standup meetings (Scrum). Estimation meetings and Requirement review meetings to analyze requirements for project.
- Defined new validations through Angular for the form field validation implemented through HTML5.
- Defined custom HTML elements for API browsers using Google Polymers.
- Developed and deployed Java applications on Azure cloud using Azure App Service, Azure Functions, and Azure Kubernetes Service (AKS).
- Implemented Azure Active Directory (AAD) for secure authentication and authorization of Java applications.

- Integrated Azure services such as Azure Storage, Azure Service Bus, and Azure Event Grid into Java applications for seamless data management and messaging.
- Designed and implemented continuous integration and delivery (CI/CD) pipelines using Azure DevOps for automated building, testing, and deployment of Java applications.
- Wrote deployment scripts in Nginx and PM2 to get the project up and running on dev sandbox.
- Successfully implemented Auto Complete/Auto Suggest functionality using Ajax, Query, DHTML, Webservice call and JSON.
- Implemented a custom NodeJS script to act as a PROXY for connecting to the server.
- Built the internal tool and maintained with React along with Flux and Redux.
- Maintained the code base by frequent updates to revision using GIT with GitSwarm as Repository.
- Experience working with different Maven plugins to automate tasks such as compilation, testing, packaging, and deployment.
- Knowledge of configuring Maven repositories to manage dependencies and artifacts.
- Experience with Maven profiles and multi-module projects to manage complex builds.

Environment: MongoDB, Angular JS, Express JS, Node JS, React JS, Redux, Flux, Nginx, PM2, Mongoose, Azure AD JWT, HTML5, CSS3, Materialize, JavaScript, Angular Data-tables, Maven, Grunt, Bower, NPM, GIT, Mocha, Chai, Jasmine, Karma, WebStorm, Chrome, Firefox, IE 10+

Zensar Technologies (Pune, India) | June 2014 - May 2015

Role: Full Stack Java Developer

Responsibilities:

- Developed UI architecture for the internal web application and worked alongside UX designers to construct conceptual Wireframes and Mockups.
- Developed next-gen UI components such as accordions by using pure CSS3 (Transitions, box shadow, transformations, etc.).
- Extensively used CSS3 and Bootstrap for styling the HTML elements within the whole application.
- Responsible in providing pseudo application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
- Developed Microservices to provide Rest API's utilizing Spring MVC and Spring Core.
- Worked with R&D team to create POC for Angular for a Single page application.
- Used ngroute service which is used in conjunction with the ng-view directive.
- Used AngularJS form validation and customize validations to validate the user input and improves the user experience.
- Utilized Amazon Web Services (AWS)EC2 to deploy Docker containers with both monolith and Microservice Architecture.
- Worked on multiple code bases as we were migrating to symfony2 from legacy PHP.
- Transformed current system into Services Oriented Architecture with REST APIs and application layers using Symfony2 framework.
- Utilized jQuery UI library to create various components for the web application.
- Wrote code to handle cross browser compatibility issues in IE 7, 8, 9, 10, 11 and FF by using Web kits for Saff Browsers.
- Wrote Object Oriented JS code to create modules such as Validation Module, Dialog Boxes. Notification Boxes, etc.

- Used open-source IDE Sublime Text and Eclipse as the Java IDE in the development of the application.
- Expertise in debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
- Implemented Routers & History in Single Page App (SPA) as a part of Angular implementation.
- Implemented two-way data binding through scope in applications built on Angular.
- Implemented a code to build Views and Models as part of MVC pattern using Angular.
- Implemented CSS3 features like, multi-column layout, gradients and web fonts for the application.

Environment: HTML5, CSS3, JavaScript, Struts, jQuery, AJAX, Angular, Eclipse, Git, Bootstrap, JSON, Symfony2, Git, Rest Services, Eclipse, GitHub, Visio
