**Ravi Teja**

[**naveen.v@abntechcorp.com**](mailto:naveen.v@abntechcorp.com) **(469)947-6207**

https://www.linkedin.com/in/nravi-.........................



**SUMMARY:**

* Around 9+ years of IT experience in full system development and product life cycle (Requirement gathering, Design, Development, Testing, Documentation, Deploying and Production Maintenance) of J2EE compliant web and multi-tier applications.
* Experience in working with various Software Development Life Cycle (SDLC) methodologies based on Agile (Scrum), Test Driven (Test First) Development, and Conventional SDLC.
* Experience in developing web applications using Microservices, RESTful Web services and SOAP based Web Services.
* Expertise at using frameworks and technologies like Spring (Core, AOP, MVC, **ORM**, **JPA**, Security, Cloud and Batch), Spring Boot, Swagger, Postman, Hibernate (Criteria, Cache and Projection concepts), **JPA**, Struts and Servlets.
* Experience in developing a microservice using Spring Boot, Spring Cloud, Spring Microservices, and Discovery Server (Netflix Eureka server).
* Experience working with cloud object stores like AWS S3, GCP. Deploying docker containers in Kubernetes, Deploying using helm charts.
* Developed a SpringBatch application to transfer archives by creating source manifest files, to GCP and AWS s3 object stores.
* Excellent Banking knowledge on Retail and Small business banking, Payments process, Loan process and ACH.
* Expertise in Angular framework and its ability to create simple and scalable code for SPA.
* Development of RESTful API web services using Spring boot.
* Pleasant experience in writing various custom directives in AngularJS for both DOM manipulation and for repeated use of markup code.
* Knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like Angular.js, Angular 13, React.js and Twitter Bootstrap like Grids, Toolbars, Panels, Combo - Box and Button etc.
* Used Spring Web Flow to integrate a wide range of applications developed in Spring MVC.
* Good working knowledge in development of WebPages using Angular 13.
* Used Apache Kafka as a messaging system to produce and consume services from storage topics
* Proficient in developing Presentation tier with **HTML**, CSS, Bootstrap, **Java**Script, jQuery, JSP and deep knowledge of ReactJS practices and commonly used modules based on extensive work experience.
* Has professional coding experience in Core concepts, such as Multithreading, Collections, Generics, Exception handling, Synchronization, Concurrency, Serialization, Garbage Collection and Design Patterns with strict coding standards.
* Experience using **Spring MVC, Spring Boot, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions and Spring Security, Hibernate** and **Spring-Boot**.
* Familiarity with newer specifications of TypeScript/ ECMAScript (ES6).
* Expert in UI/UX design tools including Photoshop, Invision, Sketch, Illustrator and Adobe Effects.
* Closely work with other NestJS, Kubernetes development API teams regionally in enhancing and integrating into the local platform and trading requirement.
* Hands-on experience in Service-Oriented Architecture, Web Services using JAX-WS, SOAP, WSDL, UDDI, JAX-RS, Restful, Jersey and OAuth2.
* Installation, Configuration, Upgrade, patching of Oracle RDBMS and applications Work on different versions of Databases with OEM Grid control to maintain the database effectively.
* Experience in writing Stored Procedures, functions, Triggers, DDL, DML SQL queries. Experience in writing complex DML queries using SQL, HQL and JPQL.
* Strong Experience on AWS platform and its dimensions of scalability including VPC, EC2, ELB, S3, EBS
* Experienced in developing **Java** API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets.
* Involved in Performance Tuning for the entire application using OEM tool
* Experienced in AWS cloud formation templates and configured SQS service through **Java** API to send and receive the information.
* Implemented design pattern sin Scala for the application.
* Experienced in setting up Amazon EC2 instances, Virtual Private Cloud (VPCs), and security groups.
* Developed Test Cases and Test Scenarios as per functional specifications.
* Used SQL tools to run SQL queries and validate the data loaded into the target tables.
* Participated and involved in test procedures and test plans reviews
* Modification and execution of Test Case Scripts (**Java**-Selenium RC) in Eclipse IDE, design of automation test framework (**Junit**).
* Extensive experience on version control tools like SVN, GIT, Bitbucket, CVS.
* Experience in writing MAVEN scripts and using Ant for build and release management during the project life cycle.
* Established Continuous Integration (CI) practices using Docker, Jenkins, GitHub and AWS.
* Enhanced experience in using different IDEs like Eclipse, IntelliJ, STS**.**

**TECHNICAL SKILLS :**

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| * **8Programming Languages** | * **Java**, J2EE, SQL, PL/SQL, C, C++. |
| * **Core** | * **Java** 1.8 (lambda expressions, Streams, Functional Interfaces), Data Structures, Collections, Generics, Serialization, Reflections, Concurrency/Multithreading, RMI. |
| * **J2EE Technologies** | * JSP, JMS (Active MQ, Rabbit MQ), **Java** Servlets, JDBC, Struts, Spring (Core, MVC, DAO, **JPA**, AOP, Security, Boot, Quartz, Batch), Hibernate, JSF, JSTL, JNDI. |
| * **Web Services** | * SOAP, Spring REST, JAX-RPC, JAX-RS, JAX-WS. |
| * **Web Technologies** | * XML, XSL, XSLT, XSD, X**HTML**, WSDL, JSON-parsing, JSON-DTD, Schema Modeling. |
| * **Presentation tier** | * **HTML**, D**HTML**, CSS, **Java**Script, Bootstrap, jQuery, Ajax, **Angular**JS, ReactJS |
| * **Database** | * Oracle, DB2, MySQL, MongoDB, Cassandra, Microsoft SQL Server, PostgreSQL. |
| * **Tools** | * JBuilder, Rational Rose Enterprise, Log4J, SLF4J, Swagger, Postman, Maven, Gradle, Ant, Jenkins, JIRA, Confluence. |
| * **IDEs** | * Eclipse, IBM RAD, IntelliJ, STS |
| * **Version Control Systems** | * SVN (Apache Subversion), CVS (Concurrent Versions System), Git, Bitbucket. |
| * **Application Servers** | * Oracle WebLogic, IBM WebSphere, JBoss, Apache Tomcat. |
| * **Testing** | * **Junit**, Mockito, Selenium. |
| * **Design Methodologies** | * Rational Unified Process, Agile (Scrum), Test Driven Development, Pair programming, Rapid Application Development. |
| * **Operating Systems** | * Windows 98/2000/XP/Vista/7/8, UNIX, Oracle Solaris, Linux (Red hat). |
| * **Cloud Computing** | * AWS (Amazon Web Services): working with EC2, RDS, Dynamo DB, S3, ELB (Elastic Load Balancer), Cloud Formation Templates, and Cloud watch; Pivotal Cloud Foundry. |
| * **Design Patterns** | * MVC, Singleton, Front Controller, Factory, Façade, Data Access Object. |

**PROFESSIONAL EXPERIENCE:**

Full Stack Developer **06/2022 - Current**

Ford Motors, Detroit, MI

* Participated in the design and development of new programs and subprograms, as well as enhancements, modifications, and corrections to existing software.
* Followed Agile Methodologies - SCRUM to manage full life-cycle development of the project.
* All the functionality is implemented using Spring Boot, Micro Services. Used Spring Core Annotations for Spring DI, Spring MVC for REST APIs and Spring Boot for micro-services.
* Implemented **Java** EE components using Spring MVC, Spring IOC, Spring Transactions and Spring Security modules.
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Used Amazon Web Services (**AWS**) for Java API to upload and retrieve user’s media data.
* Experiencing in using Continuous delivery / Continuous Integration (CD/CI) tools Docker, **Jenkins** to deploy this application to **AWS** and used GIT for Version Control of code for incremental development.
* Design and development of User Interfaces, tables using HTML, CSS, and Typescript, Angular 6
* Built rich prototypes and applications using HTML5, CSS3, JavaScript, jQuery, Ajax, Angular 6.
* Gather and analyze client’s business requirements for design, application configuration and implementation of UI/UX web initiatives.
* Designed and developed **Micro Services** business components and **Restful** service endpoints using **Spring Boot**.
* 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 API** s and **Spring Boot** for micro-services.
* Worked with **Microservices** using J2EE Web Services based **on Spring Boot** and created dynamic documentation of RESTful endpoints using Swagger API.
* Implemented **microservices** based architecture using Spring Boot interacting through REST API.
* Developed various batch jobs which process bulk of data received from business partners using Spring Batch.
* Extensively used Core **Java** concepts and implemented Collections, I/O, Exception Handling and Generics in logic design and development.
* Expertise in front-end UI design implementations by writing HTML5/HTML, CSS3/CSS, Bootstrap, JavaScript to make better Single Page Application working on Angular 6, 7.
* Designing services and factories and injected into various methods and designed customized filter techniques in the webpage using Angular 7.
* Experienced in **Kafka** to publish data to real-time applications.
* Designed and implemented by configuring Topics in new **Kafka cluster** in all environment.
* Configured **Kafka** to read and write messages from external programs.
* Creating popup forms using Bootstrap, Angular 7, and Controller to update entity modules and database. Use Custom Angular Filters to provide better search experience.
* Developing test cases for Angular code using protractor.
* Worked on RESTful Web services as well as Node Rest framework for backend services used Mongo DB (NoSQL) for database services and RESTful web services using Jersey for JAX-RS implementation.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Worked on PostgreSQL & Db2, Oracle databases concepts such as locking, transactions, indexes, replication, and schema design, manipulated data using CRUD
* Integrated **JPA** persistence using Hibernate to save the current state of the drool’s knowledge session using the Spring Framework integration.
* Implemented OAuth2.0 for authentication-based web application and accessed their APIs for fetching data services.
* Implemented the Drag and Drop functionality using React-Draggable. With the concept of ReactJS Worked on usage metrics and also end to end events tracing for analysis purpose.
* Analyze the Job flow for ACH system.
* Design and Developer a common interface to make ACH payments.
* Design and Developed a common interface to make payment by credit card and ACH using different payment gateways like Cyber Source, ETS, PayPros, Sift4 seamlessly
* Extensive knowledge in Payments processing and SWIFT messaging standards.Have good knowledge of CHIPS, FED and ACH.
* Implemented Kubernetes functions on OpenShift using serverless frameworks. Developed Golang POCs to handle Kafka Topic messages and process Remediation Letters for customers.
* Created platform as infrastructure with AWS (EC2, RDS, ELB) used Docker, Jenkins to run the automated deployments and configured the continuous delivery pipelines for deploying microservices using Jenkins CI server.
* Developed user interface by using the React JS, Flux for SPA development. Created documentation for all the components which is included in React-Bootstrap page.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Implemented AWS solutions using EC2, S3, RDS, ELB, Auto scaling groups, optimized volumes and EC2 instances.
* Oracle 11g was used as the database for the application which was hosted in the cloud using Amazon RDS service.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, JavaScript, **Angular** Material, Typescript, **Angular 13.1.2**.
* Architected migration plan from Word Press and Drupal to Kentico **CMS**.
* Used Amazon Cloud Watch to monitor AWS and Amazon Cloud Watch logs to monitor application
* Created fully automated CI build and deployment infrastructure and processes using Docker, Jenkins, Bitbucket and AWS.
* Design and development of Server Side Rendered Progressive Web Applications built with ReactJS, Next.js, Node.js, Firebase and Material - UI using HTTPS, Web App Manifests, Service Workers and browser APIs.
* Worked in Red hat Enterprise Linux system environment.
* I was responsible for identifying the root cause, investigate and provide a solution for each of the problem ticket that we had.
* Developed Spark Scripting by using Scala shell commands as per the requirements.
* Perform daily health checks of the application, job schedules and infrastructure supporting the application.
* Work closely with business in managing day to day issues, resolve user queries.
* Used JIRA for User Stories and Epic management and Bitbucket for version control.

**Environment:** **Java**, Spring, Spring Boot, Oracle, Spring Security, Hibernate, Spring MVC, JDBC, **Junit**, Maven, WebLogic, Rest, Log4j, Angular 10/12/13, Micro Services, React.Js , JIRA, GIT, Jenkins, Linux, MySQL, Bitbucket, EC2, OAuth 2.0, PostgreSQL, REST APIs, Spring MVC.

Full Stack Developer **02/2019 – 08/2021**

State Street, TX.

* Participated in the design and development of new programs and subprograms, as well as enhancements, modifications and corrections to existing applications.
* Participated in the complete Software Development Life Cycle – Designing, coding, testing, Debugging and Production support.
* Extensively used Core **Java** concepts and implemented Collections, I/O, Expectation Handling and Generics in logic design and development.
* Used **Java** 8 features such as lambda expressions, Parallel operations on collections, multi-threading and for effective sorting mechanisms.
* The front-end use **HTML5, CSS3**, React JS, jQuery and **Bootstrap** to build a web app that communicate with back-end via RESTful API.
* Modified Enterprise Selling order application built upon spring boot-Kafka, enhanced the application to be carrier neutral and rate shopping.
* Successfully implemented integration of Spring-boot based ESB projects with Apache Kafka for data transfer between the remote store and head office.
* Implemented **Kafka** Security Features using **Spark SSL** and without **Kerberos**. Further with more grain-fines Security I set up Kerberos to have users and groups this will enable more advanced security features. Used JMS for Asynchronous communication.
* Worked on **Kafka** Backup Index, Log4j appender minimized logs and Pointed ambari server logs to NAS Storage.
* Developed RESTful Web services for other systems to interact with our system and secured the service with Spring-Security OAuth.
* Used React-Router to turn application into Single Page Application. Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Enhancement & Support to various **CMS** sites (Ex: NYLIM, mainstay, RPG, IQETFS, Annuities, RIAS, GP, Corporate, DCIO, nylimcdo)
* Developed UI pages in **HTML**, CSS, **Java**Script, jQuery and **Angular** JS and integrated them with the backend application.
* Experienced in both framework and **CloudFormation to automate AWS environment** creation along with the ability to deployment on AWS, using build scripts and automate solutions using Shell and Python Scripts.
* Created Terraform modules to create instances in **Google Cloud**, **Spanner,AWS** and automated process of creation of resources is AWS using Terraform.
* Developed strategy to migrate **Dev/Test/Production** from an enterprise VMware infrastructure to the IaaS Amazon Web Services AWS Cloud environment including run book processes and procedures.
* Worked as part of **Microservices** team to develop and deliver Maven projects to deploy on **Jenkins** and also having experience in managing the **Docker** containers in **kubernetes.**
* Migrating existing application into REST based Microservices Architecture to provide all business features using Spring Boot, which is radically faster in performance
* Designed a brand-new solution wif **Angular 12**, **Angular**-CLI, SCSS Mixing, **Angular 10** Form, **Angular 10 Route**, **Angular 12** Animation, RxJx Observables, SASS Variables for themes, Ng-10 UI Bootstrap, Component/Ng Module, Color Picker, CLI Built and much more using leading edge technologies.
* Design and develop Test cases for Test Driven Development (TDD) AND Behavioral driven development (BDD).
* Used **Angular** CLI to generate various **Angular** library components and made them reusable across different applications
* Worked with **Microservices** using J2EE Web Services based **on Spring Boot** and created dynamic documentation of RESTful endpoints using Swagger API.
* Implemented **microservices** based architecture using Spring Boot interacting through REST API.
* Designed and developed the **REST** based **Micro Services** on the card accounts using **Spring Boot.**
* Developed various batch jobs which process bulk of data received from business partners using spring batch.
* Wrote test cases and performed manual testing like Positive Testing and Negative Testing, Regression, Integration, Unit Testing.
* Performed Analysis and testing by **Junit**, Mockito frameworks for unit, Integration and functional testing.
* Involved in code reviews using crucible and evaluation for the standards to produce code with good quality.
* Performed release jobs to promote the code to various environments and servers. Fixing bugs during release of new packages into production.
* Developing Velocity Reporting application using Java, AngularJS to provide a strategic reporting platform for businesses.
* Working on programming languages like HTML, CSS, JavaScript, AngularJS, Java, NodeJS, for developing software, specifications, and technical interfaces.
* Developed the UI screens using HTML5, CSS3, and Angular JS & JQuery.
* Used Jenkins and Bamboo for continuous integration and artifact deployments in the environments.
* Used SVN and WebStorm as source control management.

**Environment:** **Java**, Spring, Spring Boot, Spring Security, Servlet, **Angular 12**, JSP, Spring MVC, JDBC, **Junit**, Maven, WebSphere, **Java**Script, **HTML**, Restful, Log4J, AWS, Microservices, JIRA, GIT, SVN, Jenkins.

Java Full stack Developer **09/2016 – 01/2019**

Dell Technologies, Hyderabad, India

* Used **HTML**, CSS, **Java**Script and jQuery for dynamic website design.
* Developed interface to display report data using jQuery, AJAX, **Java**Script and JSON, XML.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like **HTML**, CSS and **Java** script.
* Bulk Interface support for mass payment processing (WebSphere, J2EE, JAVA, MQ, Oracle), using ACH file and batch cancellation.
* Used various jQuery plugins like autocomplete, date picker, colour picker, document slider to enhance the usability, functionality and overall experience for the website.
* Developed UI with **HTML5, CSS3, react JS** and Font-Awesome and design multiple reusable components from scratch using TypeScript.
* Implemented Form Validations using template-driven form and reactive form.
* Developed UI using **Swing, JSP, JSF, HTML, CSS, react JS, JavaScript, jQuery** and XML files, Schema's and parsing them by using both SAX and DOM parser's.
* Build listener to receive ACH transactions (ACH Domestic / IAT transactions ) request from Pep+ application for both ASAP and rescan.
* Working with AWS CLI and API to manage resources on AWS such as EC2, S3, VPC, Cloud Watch, ELB, Auto-**Scaling, SNS, writing Python** Scripts to manage resources **deploy on AWS**.
* Developed strategy to migrate Dev/Test/Production from an enterprise VMware infrastructure to the IaaS Amazon Web Services AWS Cloud environment including run book processes and procedures.
* Involved in designing and deploying multitude applications utilizing almost all the **AWS stack (Including EC2, Route53, S3, RDS, EBS, ELB, DynamoDB, SNS, SQS, IAM)** focusing on high-availability, fault tolerance, and Auto Scaling in AWS CloudFormation.
* implemented by configuring Topics in new **Kafka cluster** in all environment.
* Using AngularJS as the development framework to build a single-page application.
* Developed UI screens using HTML5, JavaScript, CSS, AngularJS and JSP templates.
* Involved in Enhancement of existing application utilizing AngularJS and created dynamic menu.
* Developed conversion module to convert EBCDIC data from ACH to ASCII format for NORKOM and vice versa.
* Developed **HTML** prototype documents with CSS Style Sheets.
* Implemented **Angular** Router to enable navigation from one view to the next.
* Involved in fixing defects and unit testing with test cases using **Junit**.
* Deployed the application in WebLogic server.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular.
* Used Typescript to write the Angular Components, Modules, Services, and Models.
* Developed numbers of Typescripts objects including Components, ngModules, Providers, Services, Interfaces and classes utilizing arrow function and optional types.
* Developed the workflow interfaces using struts tiles layouts, JSP, CSS & request processors using dispatch action &action.
* Extensively worked with XML schema, XSL, XSLT to navigate in XML documents, and SAX to process & parse xml files. Designing and configuring core xml files for implementation of struts.
* Extensively used ANT for creating build scripts and deployment into WebLogic Application Server and Log4j for logging.
* Used CVS for version control across common source code used by developers and deployed the applications on WebLogic Application Server.
* Involved in writing **Junit** test cases and suits using Eclipse IDE.
* Used Maven for building and deployment purposes.
* Used Web Services-WSDL and SOAP.
* Fixed Cross browser issues in Internet Explorer 7+ (including IE9), Safari, Chrome and Firefox and contributed bug fixes.
* Validated the data of reports by developing SQL queries in SQL Developer against Data Mart tables and ODS.

**Environment:** Core **Java**/J2EE, **Java** Spring, JSTL, JMS, XML, XSLT, JDBC, AJAX, Oracle 10g, WSAD, IBM MQ, Micro services, **HTML**, Node Js, CSS, **Java**Script, **Typescript**, UML, Rational Rose, KORN, JMeter, CVS, **Junit**, TDD, Docker, SOAP, Spring Boot.

Java Full stack Developer **06/2014 – 09/2016**

Zen3, Hyderabad, India

* Participated in the complete Software Development Life Cycle - Designing, Coding, Testing, Debugging and Production Support.
* Designed and developed all components JSP, controller, spring configuration, DAO for various modules.
* Prepared low-level technical design document and conducted design related discussions with the team members.
* Developed front-end UI using **HTML**, CSS, JSP and **Java**Script technologies as well as **Java** components.
* Hands-on development experience with frameworks such as Spring MVC.
* Configured various interceptors for transaction management, security, Audit logging (database) and logging using Spring AOP.
* Skill on the platform to be deployed in the AWS environment for various users.
* Written Cloud formation templates and deployed using **Google cloud**, **AWS** resources using it.
* Utilized AWS cloud watches to monitor the performance environment instances for operational and performance metrics during load testing.
* All the functionality is implemented using **Spring IOC / Spring Boot** and **Hibernate ORM**.
* Implemented **Java EE** components using **Spring MVC, Spring Boot, Spring IOC, Spring** transactions and Spring security modules.
* Experience working with spring boot application containerization, kubernates.
* Involved in DevOps migration/automation processes for build and deploy systems using CI/CD Jenkins pipeline. Experience with Linux based containers, Docker Images, orchestration with Kubernetes. Experience working with mesos/marathon environment for deploying spring boot application with Discovery client –Eureka
* **Java** Mail API is used to send notifications about important updates.
* Developed database PL/SQL objects and worked with SQL queries to communicate with backend.
* Comfortable using UNIX commands to deploy **Java** application to non-production environments.
* Tested the Web services using SOAP UI and by writing Web service client in **Java** for transmitting the offender's information in XML data using the WSDL provided.
* Experienced in writing **Junit** Test for **Java** and J2EE applications. Developed various **Junit** test cases for Unit and Functional Testing.
* Involved in extensive DATA validation using SQL queries and back-end testing
* Used agile development methodology like daily scrum, sprint planning, sizing, sprint review, and retrospective.
* Provided extensive pre-delivery support using bug fixing and code reviews.
* Used GitHub for version control and configured Maven for dependencies and Log4J for logging.
* Configured and Build jobs in Jenkins for the projects and deployed in STATUS for QA and Production Environment.

**Environment:** **Java** 1.6, **Junit** 4, JBoss 7, Oracle 10g, **HTML**,JSP, **Java**Script, React-JS, Node-JS, Mongo DB, Spring, Hibernate, Eclipse, Atom, Restful Web services, Gradle, **Junit**, log4j , **Java**Script, Subversion, Jenkins, OpenShift.

**EDUCATION DETAILS:**

Master's: Computer Information Systems in Christian Brothers University. USA.

Bachelor of Technology: Information Technology , Acharya Nagarjuna University,India.