**Chinthakunta Kumar**

**Phone:**

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**PROFESSIONAL SUMMARY**:

* Over 10 years of Experience in working with various SDLC methodologies based on Agile/SCRUM like Test Driven Development (TTD), Incremental and Iteration methodology, Agile Development.
* Expertise in Core Java Concepts like OOPs, Garbage Collector, Collections, Multithreading, Exception Handling, Generics, Synchronization, Serialization and De-serialization.
* Proficient in developing web applications using Java 8 features like Streams, Lambda Expressions, Optional, and Date/Time API.
* Professional Experience in designing UI web applications using front-end technologies like HTML/HTML5, CSS/CSS4, JavaScript, XML, jQuery, AJAX, JSON, Typescript, Angular, React, Bootstrap.
* Implemented Angular13/8/4 client-side validation and type ahead to improve the accuracy of input data.
* Worked on Angular CLI to deal with troubleshooting and deal with the Angular virtual environment bugs.
* Experience on J2EE design patterns such as Business Delegate, Service Locator, Transfer Object, Data Access Object, Session, Facade, Singleton patterns.
* Strong hands-on experience in working with Spring Framework modules such as Spring MVC, Spring IOC, Spring AOP, JTA, IO, Spring Boot, Microservices, Spring REST, Spring Batch, Security, Spring Eureka, Spring Netflix, Spring Ribbon, Swagger, Spring Data JPA.
* Expertise in configuring and deploying applications on different application servers like Apache Tomcat, WebLogic, IBM WebSphere, JBoss.
* Experience using Spring Data JPA to connect to database systems, such as MySQL, Oracle, and Postgres.
* Experienced in Apache Kafka over messaging to exchange information in more reliable and asynchronous way in enterprise Applications. Used Apache ActiveMQ and Apache Camel as JMS provider.
* Good working knowledge of Spring Batch transaction management and error handling mechanisms for handling job failures and rollbacks and integrated Spring Batch with Spring Boot, Spring Cloud, and Spring Integration.
* Implemented security measures such as OAuth 2.0, JWT, SSL/TLS encryption, and role-based access control (RBAC) to secure Microservices and ensure data privacy.
* Hands-on experience in Microservices, Spring Boot with cloud technologies such as Pivotal Cloud Foundry
* Experience in database modeling, design and development of PL/SQL stored procedures, packages in RDBMS like Oracle, DB2, PostgreSQL, MySQL and H2 and integrating with ORM Frameworks like Hibernate.
* Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using
* Hibernate Query Language (HQL), HSQL Named Queries, Criteria, and Projections.
* Experienced in developing Apigee Proxies, customizing policies, working with Apigee Edge, Developer Portal.
* Experienced with XML related technologies such DTD/Schema, XML, XSLT (DOM, SAX), and XPATH.
* Strong experience in creating real time data streaming solutions using Apache Kafka and Flume.
* Good Knowledge on working with OAUTH2.0 to provide authentication and authorization to Rest services by exchanging Access tokens.
* Solid knowledge of SOA, Cloud Computing, and related IaaS/PaaS/SaaS technologies like AWS Experience in developing applications as Microservices using Spring Boot based on Service Oriented Architecture (SOA).
* Proficiency in working with Relational databases like Oracle, MySQL, PostgreSQL, and NoSQL databases like Redis, MongoDB, Cassandra to manage tables, sequences, stored procedures, functions, triggers, packages.
* Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.
* Experience with Kubernetes operators for automating complex tasks and managing stateful applications.
* Worked with AWS Elastic Beanstalk for deploying, scaling, and managing applications on the AWS platform.
* Knowledge of AWS Elastic Load Balancer (ELB) and its use for distributing incoming application traffic across multiple instances and availability zones.
* Integrated Splunk with tools in the development and deployment pipeline like Jenkins, Git, and Kubernetes.
* Used Jenkins for the automatic build process and used for integration testing and deploying software.
* Experience in working with web servers like Tomcat 8, Web Sphere 8.x/9.x, JBoss7.1.0 and Web Logic 12.0.
* Strong knowledge of IDEs like Eclipse, Net Beans, IntelliJ IDEA and JDeveloper.
* Hands on experience in unit testing applications using JUnit Framework and developed logging and standard mechanism which is based on Log4j.
* Hands on experience with build tools like Ant, Maven, Gradle and Logging tools like Log4J 2and Splunk.
* Proficient in working with version control systems - GIT / GitHub and Bitbucket.
* Worked on various SDLC (Software Development Life Cycle) from Waterfall to Agile (SCRUM) models.

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming Languages | Java 11.0/8.0/7.0, PL/SQL, C++, C, Python. |
| Java/J2EE Technologies | Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI. |
| Frameworks | Spring Boot, Spring Data JPA, Hibernate, Spring Security 3.2, Spring MVC, Spring Cloud, .net |
| Application/Web servers | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Web Logic 12c |
| Relational Databases | Oracle 10g/11g/12c, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, Postgres, DynamoDB, Casandra |
| NoSQL Databases | MongoDB, Cassandra |
| Internet Technologies | HTML 5, JavaScript, CSS 3/4, jQuery, Ajax, React, Angular10/8/4, Typescript, JSON,  Node JS, Next.JS |
| Cloud Environments | AWS, Azure. |
| Design Pattern | Singleton, Session, Observer, facade, Front Controller, MVC, DA0. |
| IDE | Eclipse, IntelliJ, Spring Tool Suite (STS) 3.8.3, Postman, TOAD |
| Testing &Bug tracking Tools | JUNIT4/5, Jasmine, Protractor, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36, Blaze meter |
| Methodologies | Agile, Waterfall |
| Build Tools | Ant 1.10, Maven 3.3.9, Gradle 6.4.1 |
| Version Control | Git, SVN, Bitbucket |
| Web Services | SOAP, REST, JAX-WS, JAX-RPC, JAX-RS, SOAP UI. |

**Professional Experience:**

**Client: Experian, Costamesa, CA   Jul 2022–Till date**

**Role: Sr Full Stack Developer/Software Engineer**

**Responsibilities:**

* Good working experience in Web development using Front end technologies like HTML5, XHTML, CSS4, JavaScript, Angular jQuery, XML.
* Worked on Angular 13, Typescript SPA domains and updated the application with new features of Angular 13.
* Extensively involved in coding of Application Angular13 with Flex Layout to make SPA Responsive.
* Focused on security features including SSL encryption, XSS prevention, SQL injection prevention.
* Extended Bootstrap for UI theme and developed CSS to support Responsive web design and Implemented responsive Layouts for minimizing load time.
* Utilized DynamoDB's low-latency capabilities to process real-time healthcare data, enabling immediate updates and access to critical patient information.
* Integrated DynamoDB with electronic health record systems, facilitating seamless data exchange and synchronization between healthcare applications.
* Using Java 11 developed API’s as per the business cases and analyses the current API with spring Boot.
* Implemented CORS [cross-origin resource sharing], allowing the request through different hosts and JSON

formatters for sending data in camelCase.

* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring MVC and Spring Boot.
* Implemented REST Microservices using Spring Boot. Generated Metrics with method level granularity d Persistence using Spring AOP and Spring Actuator.
* Championed the use of Agile methodologies, participating in daily stand-ups, sprint planning, and retrospectives to ensure efficient project delivery.
* Implemented Dynatrace and Splunk monitoring solutions, proactively identifying and resolving performance issues to minimize system downtime.
* Designed Spring MVC architecture as per the requirement of the application, developed REST API and Microservices using Spring boot also used postman to test the services and swagger for documentation.
* Experience in applying JMS (Java Messaging Service) for reliable information exchange across Java applications using Apache Kafka, RabbitMQ, ActiveMQ and IBM MQ to communicate from Client to Server.
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers and worked with Kafka Cluster using Zookeeper.
* Experience in working with API gateways like Netflix Zuul, Apigee to manage and secure API traffic between

Microservices and external systems.

* Created MuleSoft API proxies to expose backend services securely to external clients, providing API governance and management capabilities.
* Integrated JAVA EE technology Spring MVC with Hibernate for the persistence layer access for mapping to the tables in the Oracle 12c Database.
* Experience in using JSON Web Tokens (JWT) to securely communicate JSON Objects.
* Involved in multi-tiered J2EE design using Spring IOC and Hibernate.
* Strong understanding of Java Persistence APIand its integration with Spring Data JPA for ORM operations
* Used Spring AOP Module to implement logging in the application to know the application status.
* Used Spring DAO Module along with Struts Framework to deal with Database.
* Expertise in using Hystrix(circuit breaker) library for lowering network latency and fault tolerance and Zuul gateway for routing, monitoring, security.
* Worked on building proxies and policies with APIGEE along with security frameworks.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Utilized AWS Lambda platform to upload data into AWS S3buckets and to trigger other Lambda functions (EC2) focusing on high-availability, fault tolerance, and auto-scaling.
* Experience in building APIs with declarative interfaces such as Swagger/OpenAPI and GraphQL
* Build the services utilizing the Pivotal Cloud Foundry (PCF) as a platform as a service for RESTful services.
* Experienced in creating pipeline scripts for CI/CD deployment using Concourse tool.
* Developed POJO objects and used Hibernate as the Object-Relational Mapping (ORM) tool to access the persistent data from SQL Server.
* Deployed services using Docker to host in AWS platform and uploaded data intoS3 buckets, EC2 instances.
* Ability to write the unit test for frontend by using Karma and Jasmine framework and writing the integration test cases by using the PROTRACTOR test cases.
* Ability to write queries for searching in the Splunk, to narrow down the root cause of the problem.
* Maintain the progress of issues worked on /in-progress status in JIRA.
* Used Gradle as build dependency management tool, IntelliJ as IDE, and Git as version control.
* Implemented the project under Agile Project Management Environment and followed SCRUM iterative incremental model and configured various sprints to execute.

# **Environment**: Java 11, HTML5, XHTML, CSS3, JavaScript, Angular 13, jQuery, XML, Spring Boot, Spring Security, Spring IOC, Micro services, Postman, Hibernate, Hystrix, GraphQL, Swagger, Web Services, IntelliJ, APIGEE, Gradle, GIT, Contrast, Zookeeper, Tomcat, Apache Kafka, Oracle, AWS, Kubernetes, Docker, Concourse, DynamoDB, Protractor, Karma, Jasmine, Jira.

**Client: Centene Corporation, St Louis, MO Apr 2019 – Jun 2022**

**Role: Java Full Stack Developer.**

**Responsibilities:**

* Involved in business required gathering and technical specifications.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM.
* Implemented client-side Interface using ReactJS.
* Worked in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Created reusable React components and managed application state with Redux.
* Applied redux middleware using redux-promise, redux-thunk and redux-saga.
* Used redux-form to manage form state in redux.
* Build React components and stand-alone functions to be added to any future pages.
* Responsible for developing a front-end application using ReactJS and FLUX architecture for internal team’s productivity use. Written Kafka Rest API to collect events from front end.
* Used Microservices architecture with Spring Boot, Apache Kafka message broker, deployed to AWS cloud.
* Code cleaning using SonarQube to remove the sonar issue and reduce the code complexities.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using ReactJS.
* Use of tools such as PMD, findbugs, Jenkins, Sonar to ensure the continuous integration in the project.
* Developed Unit tests for applications using Mockito.
* Implemented J2EE standards, MVC architecture using Spring Framework and Involved in creating a reusable component using React JS for DOM manipulation.
* Used object relational mapping using Spring with Hibernate and IBATIS.
* Developed Proof of Concept for existing monolithic application to Micro services architecture with Spring Cloud, Actuator, Eureka, Apace Kafka, AWS Core, Kibana Client, React JS.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes served as the data source for the tool. Created Entity using Spring Data JPA for executing queries to the databases.
* Effective use of Hibernate (ORM tool) in the business layer to create DAOs. Interaction with Oracle database implemented using Hibernate.
* Managing the OpenShift cluster that includes scaling up and down the AWS app nodes.
* Worked on highly advanced and user interface design and development using NodeJS, React JS HTML5 and CSS3.
* Responsible for all backup, recovery, and upgrading of all the PostgreSQL databases.
* Utilized AWS Cloud Development Kit (CDK) to create infrastructure as code for AWS resources, such as Lambda functions, S3 buckets, and DynamoDB tables.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining, troubleshooting, Elastic Load Balancers (ELB) and Relational Database Services (RDS).
* Deployed the Services onto the OpenShift PODS and tested end-to-end application.
* Used EJBs to implement the business logic.
* Used MAVEN to define the dependencies and build the application and used JUnit for suite execution and Assertions.

**Environment:** Java 8, React JS, Node.JS, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Hibernate, JPA, AJAX, Agile, Spring, MVC Design Patterns, Spring Boot, Spring Security, Spring Data, WebLogic, Apache Tomcat, XML, Spring Cloud, AWS, Docker, Kubernetes, Microservices, SQL, Redis, Couchbase, Elasticsearch, MongoDB, IntelliJ, GIT, Maven, JUnit, Log4j, JIRA, Scrum, Linux.

**Client: Vertex, Pennsylvania Oct 2017 – March 2019**

**Role: Java / J2EE Developer.**

**Responsibilities:**

* Worked as a Developer and involved in analysis of requirements, design, development, Unit and Integration testing.
* Involved in analyzing the user requirements and specifications for deciding the flex component needed to be developed and their interaction.
* Created POJO layer to facilitate the sharing of data between the front end and the J2EE business objects
* Used server side spring framework and Hibernate for Object Relational Mapping of the database structure created in Oracle,
* Involved in Hibernate configuration properties setup mapping files using generators, associations inheritance etc.
* Implemented Message Driven beans to develop the asynchronous mechanism to invoke the provisioning system when a new service request saved in the database used JSM for this.
* Transformed XML documents using XSL.
* Implemented application level persistence using Hibernate and spring.
* Developed various components using Spring (MVC), JSP and HTML.
* Involved in writing JSP's, JavaScript and Servlets to generate dynamic web pages and web content.
* Used WebLogic for Design, Development and Deployment of applications.
* Enhanced and optimized the functionality of Web UI using Rich Faces, JSF, AJAX, CSS, XHTML and JavaScript
* Used AJAX for the asynchronous communication to the server.
* Wrote scripts in UNIX to process the batch jobs on a scheduled basis.
* Have used Facade, Singleton, Factory Design patterns.
* Implemented Spring MVC framework for developing J2EE based web application.
* Used GOF Java J2EE design patterns. Used Business Delegate to maintain decoupling between presentation business layers.
* Backend proficiency using Node, Express, Google Go (Golang), MongoDb including 3rd¬party services Firebase.
* Experienced in designing and developing application based on Spring Framework, Spring Boot, Spring MVC, Spring Templates, Hibernate, Micro services, AWS Web Services using Axis and Jersey Frame works.
* Used JPA with Hibernate provider.
* Angular JS communicates via events and helps to develop fast application and easily maintainable code.
* Used different type of spring controllers depending on the business requirement.
* Implementation of Elastic search in web application environment.
* Developed RESTAPI for test server for Express Router middleware based API's with Mongo DB.
* Development of Spring Boot applications with micro services.
* Designed and Developed User Interactive Web pages with the help of HTML5, CSS, TypeScript, Bootstrap, JSON and Angular 4.
* Implementation of spring security and LDAP integration.
* Development of REST web services using spring with the enabled OAUTH.
* Used various design patterns like Session Facade, Singleton and Factory patterns with the help of Hibernate ORM.
* Built Angular 4 framework including MVC architectures, different modules, specific controllers, templates, custom directives and custom filters.
* Developed Microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Published and consumed Web Services using SOAP, WSDL and deployed it on Web Logic Web Server.
* Used Amazon Web Services (Amazon EC2, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, and AWS Identity).
* Built with TDD Redox/React.js and ES6 frontend, node.js backend.
* Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Deployment of application on JBOSS Application server in clustered environment, managing the server, monitoring the server logs.

**Environment:** Java 1.8, J2EE, CSS, Subversion, XML, JDBC 4.0, RAD, AJAX, JSF, jQuery, IntelliJ, XML Web Services, SOAP, WSDL, SAX, DOM, JAXB, Log4J, JUnit, Microsoft tools, Oracle 11g, PL/SQL, Unix, Spring 4.1, Hibernate 4, JBoss, TOAD, JavaScript, Angular4, Node.js, Jersey, Junit, JIRA.

**Value Labs, Hyderabad, India May 2014 – Sept 2017**

**Java Programmer**

**Responsibilities:**

* Developed user interface by using Richfaces, JSF and Ajax frameworks and JSF tags at UI.
* Written Cloud formation templates and deployed AWS resources using it.
* Worked on designing the User Interface by coding in HTML5, AngularJS, Bootstrap to create the SPA (Single Page Application).
* Implemented Web Services using Apache to communicate to external testing centers for finding seats and reservation and between scoring and reporting management.
* Skill on platform to be deployed in the AWS environment for various users.
* Experience in implementing Oracle SQL as an oracle client to query the database.
* Worked on Hibernate as ORM to integrate with the application developed using Spring
* Experience in replacing Hibernate with Native SQL Queries (JDBC) in places to handle large search
* Worked on implementing JMS to publish the message on to the Queue after processing.
* Worked with FTP Client to read and write a file from/at a specific location.
* Experience in presentation layer of the application with the help of Node JS, Angular JS, boot strap also worked on XHTML pages.
* Experience in developing the automatic build scripts with the help of Maven for application to deploy.
* Experience in designing GUI screens of some modules by means of Rich Faces.
* Worked extensively on Spring IOC for the dependency injection for managing application dependencies
* Worked on GIT Hub as the repository to checkout and commit the code.
* Expertise in writing SQL queries, PL/SQL stored procedures for the database and backend tasks.
* Utilized AWS cloud watch to monitor the performance environment instances for operational and performance metrics during load testing.
* Understanding in Core Java in Multithreading, Collections, Concurrency, and Exception   
  handling concepts, Object-oriented analysis, design, and development.
* Used Version control system GIT and web page screens for various modules using Html, CSS, JavaScript, and AJAX and Angular JS.
* Provided investigative support for the Check Processing Department on a monthly basis.
* Expertise in JUnit test cases with the data mocking by using Mockito for unit testing application classes.
* Worked on Unit testing, Integration testing also corresponding testing efforts with the QA team.
* Hands on experience in providing Post Production and Production support as and when required.

**Environment:** Java 8, Angular JS, Boot strap, AWS, Ajax4, J2EE, JSF1.2, POI 3.7, Log4j-1.2.8, JUNIT- 3.8.1, EJB, Oracle SQL, Oracle 11g, JBOSS 5.0.1.GA, Sybase, Apache Tomcat, SSH Secure Shell, Hibernate, GIT, HP Quality Center.