**Chinnapa Yaramala**

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**PROFESSIONAL SUMMARY**

* Over 8+ years of experience in delivering enterprise solutions in multiple domains like **Finance, Telecom, Insurance, Health** and other related domains. Expertise in conceptualizing, designing and coding technical solutions using Java/J2EE and UI technology to satisfy peculiar and complex business problem statements.
* Experience working with various **SDLC** methodologies based on **Agile, Scrum**, and **Waterfall Model**.
* Expertise in **OOAD** and **OOP** from designing **UML** diagrams using **IBM Rational Rose**.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as **JDBC, JSP, JSF, Servlets, Hibernate, EJB, Spring, XML, XSD, XSL, RDBMS, Web Services, Struts, Spring, Hibernate, AJAX** and **Rule Engines (Drools4.1, ILOG).**
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria**, and **Projections.**
* Strong experience in Spring Framework modules such as **Spring Core, DAO, IOC, MVC, ORM, AOP, Spring Boot, Spring Micro Services,** Spring Netflix components like **Eureka, Ribbon, Netflix, Zuul.**
* Developed applications using **Multithreading, Serialization, Externalization, Collections and Generics.**
* Strong understanding of Micro service pattern **Circuit Breaker/Hystrix, Aggregator, Proxy Chaining.**
* Used **Spring Boot Actuator** to monitor and manage the application in production environment.
* Experience in using **Hibernate** and **iBatis** Object Relational Mapping tool in J2EE environment.
* Expertise in developing **SOA** and J2EE Web Services based on **SOAP, RESTFUL, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis**.
* Used Apache Camel for the Implementation of Enterprise Integration Patterns using an API to configure routing and mediation rules and integrated Apache Camel with Spring Boot and MySQL Database.
* Expertise in XML technologies such as **DTD/Schemas**, **DOM, SAX, XSLT, XPATH**.
* Experienced in Web development technologies such as **HTML5, CSS3, Bootstrap, jQuery, Ajax, JavaScript, NodeJS, ReactJS, BackboneJS, AngularJS/2** and **Custom Tags.**
* Experience in writing **Components, Pipes and Services** to concern and handle situations using **Angular2**.
* Expertise in using inbuilt and custom **Angular2** directives and filters to add functionalities.
* Experience in applying design patterns like **MVC, Singleton, Factory Pattern, Service Locator, Business Delegate, Data Access Object, Session Facade** and **Value object pattern** etc.
* Knowledge on **Python** Collections and Multi-Threading, wrote scripts in **Python** for extracting data from HTML.
* Experienced in developing complex **PL/SQL queries, Procedures, Triggers, Stored Procedures, Packages** and **Views** in various databases such as **Oracle, DB2** and **MySQL, SQL Server**.
* Experience in working with **NoSQL** databases like **MongoDB, Cassandra**.
* Strong experience with **MongoDB** development and migrations from **SQL** relational databases.
* Published Web services - **WADL** and **REST** for getting required information from the **Cassandra DB.**
* Used **Jenkins** as Continuous Integration tools to deploy the **Spring** **Micro Services** to **PCF** using build pack.
* Proficient in using **AWS(Amazon Web Services)** services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.**
* Involved **Splunk** administrators to deploy **Splunk** in windows environment.
* Wrote test cases for functional and automated testing using **JUnit, JMock, Easy Mock and Mockito**.
* Experience with messaging systems like **Kafka, Kafka event sourcing** and **JMS**.
* Experience with **Docker** containers, and AMI's to create **Docker Images/ containers**.
* Used JSON and XML along with Swagger UI framework which allows developers to interact with API
* Worked on Web Services testing using **Selenium IDE**, **Selenium Grid/Web** **Driver** **Testing** **and SOAPUI.**
* Part of **Scrum, Sprint review, Retrospection** and Virtual Closure meetings as a part of **AGILE**.
* Experience with **CICD-ANT, MAVEN, GRADLE, JENKINS, CVS, GIT, GITHUB**.
* Experience with Application Servers like **Tomcat, WebSphere, WebLogic, Glassfish, JBoss and Wild Fly.**

**Technical Skills:**

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| **Java/J2EE Technologies** | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT (Abstract Window Toolkit), Applets, Multi-threading, Java Networking.** |
| **Web technologies** | **HTML/HTML5, CSS/CSS3, XHTML, JavaScript, Ajax, JQuery, AngularJS, Angular 2, ReactJS, NodeJS, JSON.** |
| **Programming Languages** | **Java JDK 1.4/1.5/1.6/1.8, C++, C, SQL, PL/SQL.** |
| **Application/Web Servers** | **Oracle/BEA Weblogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, Jboss, Tomcat 5.0.28/6.0, Bug tracking, Jenkins, AWS (Amazon Web Services), Nginx.** |
| **Frameworks** | **Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0,iBatis, Flex** |
| **UI Frameworks** | **JQuery, AngularJS, Angular 2, Bootstrap.** |
| **IDEs** | **Eclipse 3.x, IntelliJ, Dream viewer, Web Storm, Visual Studio.** |
| **Design Tools** | **Adobe Photoshop, Adobe After Effect, Dreamweaver.** |
| **Web Services** | **JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI.** |
| **XML Tools** | **JAXB, Apache Axis.** |
| **Methodologies** | **Agile, Scrum, SDLC.** |
| **Modeling Tools** | **UML, Rational Rose, Visio.** |
| **Testing Technologies/tools** | **JUnit, JMeter, HtmlUnit, TestNG, Selenium 2.0.** |
| **Database Servers** | **Oracle 8i/9i/10g/11G, DB2, SQL Server 2000/2005/2008, MySQL.** |
| **Version Control** | **CVS, GIT, Rational Clear Case.** |
| **Build Tools** | **ANT, Maven, Gradle.** |
| **Platforms** | **Windows 2000/98/95/NT4.0, Linux, UNIX, Windows 7, Python.** |

**PROFESSIONAL EXPERIENCE:**

**Goldman Sachs - Richardson, TX Dec 2017 - Present**

**Sr. Java Developer**

**Responsibilities:**

* Involved in requirement gathering phase of **SDLC** with Business Analyst and worked with **Agile** & **TTD.**
* Developed applications using **Java8** features like **lambda expressions** and **functional interfaces**.
* Used **Java8 Stream API** for Parallel execution in the **Collections** framework module of core java.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns, Developed and implemented **Swing, spring** and J2EE based **MVC** for the application.
* Developed classes using core java **(Multithreading, Memory management)** and **Spring IOC**.
* Created and injected **Spring Services, Controlle**rs and **DAO**s to achieve **Dependency Injection**.
* Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, AOP, ORM** modules as part of migration from **EJB** to **spring, Spring Quartz** for scheduling tasks to generate reports.
* Upgraded **Spring Rest Controllers** and **Services** classes to support migration to **Spring framework**.
* Implemented **SOA** to develop **Spring Restful/Micro Services** and implemented **Spring Netflix components** like **Eureka, Ribbon** as part of **Services Discovery** using **Apache Axis**.
* Used **Spring Ribbon API** to check whether the servers are up & detect those servers that are down.
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers and also worked with **Kafka Cluster** using **ZooKeeper**.
* Worked on **Camel**-**based** integration middle-ware solution for provisioning services by design and implementation of business logic and data processing routes using **Apache Camel**.
* Use of data structures and algorithms for time and memory complexity reduction.
* Developed Applications using **Rule Engines-Jboss Drools 4.x**, Work flows, Human tasks to implement Business rules validations and provided Drools Dashboard for Business users.
* Implemented Authentication & Authorization with **Site Minder** and **Spring security**.
* Implementing the Micro services based on **RESTful API** utilizing **Spring Boot** with **Spring MVC**.
* Extensively worked on **Hibernate Cache, Query, Transactions** used **Hibernate Relational mappings.**
* Implemented **REST** using **JAX-RS** annotations, Jersey provider and consumed using HTTP from **angular JS**.
* Designed and implemented interface elements using **Google Web Toolkit(GWT).**
* Used **SOAP UI, Postman, Rest Client, Spring Mock MVC, JUnit** for testing the web services.
* Developed **Single Page** Responsive Web UI by loading multiple views and route services using **Angular2, NodeJS** and also used **HTML5, Bootstrap, CSS3, JavaScript, JQuery**.
* Involved in **Angular, HTML5** and **CSS3** code optimization, **DOM** loading and cross browser compatibility.
* Developed various **JavaScript, Angular**2 functions to implement **client side validations**.
* Implemented **Angular2** components, Input variables, **Bootstrapping**, **NgFor, NgIf, Event Binding, decorators**.
* Used **JQuery/JQLite** to create drop downs, status, progress and menu bar and other components.
* Extensively used **Angular2 directives, ngReact, filters, Services** to support various versions.
* Involved in File Manipulations, File Uploads using **Node JS**.
* Worked with the **NPM** along with **Karma**, **Jasmine** and **Grunt** for test and build.
* Developed Application to asses **JSON** and **XML** from Restful web service using **Angular2**.
* Used **PL/SQL** stored procedures for applications to execute as part of scheduling mechanisms.
* Worked with **MongoDB** to manage extremely large data sets. Hands on experience with MongoDB **Installation, Configuring, Monitoring** and **Designing Shared Environment**.
* Implemented **CRUD** operations with **MongoDB (NoSQL)** to manage all the details of Customer.
* Setup the **CICD** process for the application using **Jenkins** and deployed on **WebSphere** app server.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **Jenkins**, and **Jenkins Jobs**.
* Worked on creation of custom **Docker container images**, tagging, pushing images, integration of **Spring boot** and **Docker** consoles for managing the application life cycle.
* Used **Amazon Web Services** like **EC2, cloud watch** and **Elastic Bean Stalk** for code deployment.
* Utilized AWS Lambda platform to upload data into **AWS S3** buckets, to trigger **Lambda functions**.
* Resolved bugs/defects in application to assure a positive outcome using **JIRA**.
* Developed test cases and performed unit testing using **JUnit** and Acceptance Testing with **Selenium**.
* Used **GIT** as version management, **JIRA** for defect management system.
* Responsible for creating and designing APIs using **Apigee** Edge and documented the API's in **APIGEE** Developer portal and used as content management system (**CMS**).

**Environment: Web Services, Spring 4.x, Hibernate 4.x, HTML5, JSP, JavaScript, JQuery, AJAX, GWT, CSS3, Angular2, Bootstrap, SOAP UI, XML, WSDL, Apache Axis, Java1.8, Camel, J2EE, Kafka, Node JS, Agile Methodology, Splunk, MongoDB, JIRA processes, GIT, Docker, Design Patterns, PL/SQL, Karma, Jasmine, Grunt, JUnit, Selenium, WebSphere, Maven, Eclipse IDE.**

**PNC Financial Services - Pittsburgh, PA May 2016 - Nov 2017**

**Sr. Java/J2EE Developer**

**Description:** PNC offers a wide range of services for all our customers, from individuals and small businesses, to

corporations and government entities. Retail Banking provides deposit, lending, cash management and investment

services to more than 6 million consumers.

**Responsibilities:**

* Involved in preparing System Requirements and detailed Design document for the project.
* Extensively used **MVC, Factory, Delegate** and **Singleton** design patterns.
* Extensively used various modules in **Spring like AOP, DI (IOC), Bean Wiring, Spring Inheritance, Auto Wiring, Spring JDBC Templates** and **Spring Quartz** Schedulers for Jobs.
* Involved in developing components on Reporting Dashboard with **Spring MVC** and **Hibernate** and created **Micro Services** using **Spring Boot** along with **Spring Cloud Netflix** components.
* Designed and developed the End Points (Controllers), Business, DAO Layer using **Hibernate** and **Spring IOC.**
* Extensively used **Session beans** for implementing the business logic of module.
* Developed **Web Services SOAP/HTTP, SOAP/JMS, SMTP** using SOA technologies like **SOAP, WSDL** and **UDDI**.
* Developed User Interface application modules using **HTML, CSS**, **JavaScript, JSON, jQuery** and **AJAX**.
* Participated in product development life cycle via rapid prototyping with **wireframes** and **mockups**.
* Extensively used **JQUERY** to perform **AJAX** calls for creating web pages on **JSON** response.
* Extensively used **Bootstrap** for making our web page responsive and attractive.
* Creating **cross-browser** compatible and standards-compliant **CSS**-based page layouts.
* Client Side code were written in **ReactJS, JQuery** and **server Side Code** were developed using **MVC4**.
* Used **Angular Routing** for navigating between screens and developed several reusable directives.
* Follow **TTD** (Test Driven Development) methodology to write unit tests with **JUNIT** and **Mockito** and wrote automated regression tests using **JMeter** for **load testing**.
* Used Apache Camel with URIs to work directly with any kind of Transport or messaging model such as HTTP, ActiveMQ, RabbitMQ and JMS.
* Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Involved in consuming, producing **SOAP** based web services using **JAX-WS**.
* Developed **Hibernate** with **Spring Integration** as the data abstraction to interact with the **MongoDB**.
* Database development required creation of new tables, **PL/SQL Stored Procedures, Views, Indexes** and **Constraints, Triggers** and required **SQL** tuning to reduce the response time in the application.
* Developed **JSON** services **JAX-RS** and **JSON** documentation using **Swagger API**.
* Utilized **DOM**, **SAX** parser technologies in implementing **XML** parsing framework.
* Implemented Micro-services using **Pivotal Cloud Foundry (PCF)** platform build upon **Spring Boot** Services.
* Build, Test and developed application from **Docker** containers and deployed into **PCF** environment.
* Used version control repository **CVS** and **JIRA** for issue tracking.
* Develop unit test using **Karma** and Jasmine and followed strict patterns of RA team for unit test cases.
* Performed Unit testing, Integration Testing and generating of test cases for web applications using **JUnit, Log4J** to generate run-time logs**.**
* Used Apache **Maven** for project management and building the application.
* Deployed the application onto **WebLogic** application server.

**Environment: Java/ J2EE, Spring, WebSphere Application Server 7.0, Web Services, EJB 3.0, JPA, Apache Axis, MongoDB, Java Script, JSP, HTML, Bootstrap, Angular JS, Camel, RAD, RSM, Log4j, CVS, AJAX, Bootstrap, WebLogic, Maven, Eclipse, Pivotal Cloud Foundry (PCF), Docker, Swagger.**

**Agfa Healthcare - Mountain View, CA Oct 2014 - Apr 2016**

**Sr. Java/J2EE Developer**

**Description:** Agfa HealthCare supplies hospitals and other care organizations with imaging products and systems, as

well as information systems. It comprises of many projects like Enterprise Imaging, Integration Care, Digital Radiology

and Education.

**Responsibilities:**

* Involved in the design and development phases of **Agile Software Development**.
* Worked with **HTML, CSS, JSP, XML, JSON** for developing user interface.
* Developed GUI using **JSP, Struts, HTML, CSS, JavaScript** to simplify the complexities of application.
* Created dynamic HTML pages, used **JavaScript, JQuery, Restful** and **AJAX** tocreate interactive front-end GUI.
* Designed table-less layouts using **CSS** and appropriate HTML tags as per W3C standards.
* Created optimized graphic websites and application interfaces using **HTML5**, **CSS3**.
* Worked with **CSS3 background, CSS Layouts, positioning, text, border, margin, and padding**.
* Involved in writing application level code to interact with APIs, Web Services using **AJAX, JSON** and **XML**.
* Designed **Single page web applications** using **AngularJS** and deployed into development.
* Used various J2EE design patterns, like **DTO, DAO,** and **Business Delegate, Service Locator, Session Facade, Singleton** and **Factory patterns** with the help of **Hibernate ORM**.
* Used Spring Core for **IOC** implemented using **DI** and developing **Restful web services**.
* Imported data from various resources to the **Cassandra** cluster using Java APIs.
* Consumed **SOAP** based Web Services to integrate with the Web Application.
* Published and consumed Web Services using **SOAP, WSDL** and deployed it on WebLogic server.
* Used **SOAP** based messaging format to transfer requests and responses and validated the request and responses against XML Schema Definition.
* Implemented CRUD operations from **Node JS** to **Cassandra** by using Cassandra driver.
* Used SOAPUI tool extensive to conduct regression and performance testing of our services.
* Extensively used **Spring Bean Wiring, Spring DAO** and **Spring AOP modules.**
* Used **JERSEY** framework to implement the **JAX-RS** (Java API for **XML** and **RESTful Service**).
* Primarily focused on the spring components such as **Dispatcher Servlets, Controllers, View Resolver**.
* Providing the access to individual user for IBM MQ objects like Queue Manager and queues.
* Worked on JS framework that is **Backbone JS, Node JS, React JS** to augment browser applications with **MVC**.
* Involved in designing and developing the JSON, XML Objects with SQL Server.
* Used **GIT** for Source Control and Version Management of all codes and resources.
* Test and production Angular JS environment successfully using **Jasmine**.

**Environment: Java/J2EE, Design Pattern, Servlets, JSP, JSF, JDBC, Struts, Spring Core, Spring Boot, Spring DAO, Spring AOP, Hibernate, JavaScript, Ajax, JQuery, Web Services, React JS, Cassandra, Express JS, Angular JS, Node JS Swing, JSON, JUnit, HTML, CSS3, Bootstrap, Apache Maven build tool, PL/SQL, Linux, RESTful API, Grunt, GIT, Backbone JS, Jasmine.**

**AT&T SERVICES INC - Dallas, TX Aug 2012 - Sep 2014**

**Sr. Java Developer**

**Description:** This project allows Client to sell iPhone devices and applicable services provided by AT&T at Client

store, along with other devices and services. The important part in this implementation was, we integrated AT&T

services with client specific APIs. We also provide customers with a streamlined approach for adding bolt-on features

and account replenishment.

**Responsibilities:**

* Experience in working with various **SDLC** methodologies based on **Waterfall Model, Iterations**.
* Developed the application using 3 Tier Architecture i.e. Presentation, Business and Data Integration layer.
* Worked on **UNIX, LINUX** to move the project into production environment.
* Implemented **Hibernate** for Database Transactions on **DB2**.
* Involved in the configuration **of Spring Framework** and **Hibernate mapping tool.**
* Used **Spring MVC** framework for implementing the Web tier of the application.
* Involved in configuring **Hibernate** to access database and retrieve data from the database.
* Used **SAX XML API** to parse the **XML** and populate the values for a bean.
* Used **Jasper** to generate rich content reports.
* Developed client code for invoking **SOAP** web services, Implemented to interact with external systems.
* Experience in using Twitter **Bootstrap** for creating responsive web design for varying screen sizes, devices.
* Used **Java Message Services** for asynchronous exchange of message by applications on different platforms.
* Created Beans for handling **JSF pages** and include logic for processing of the data on the page.
* Used **Object/Relational mapping tool** **Hibernate** to achieve object to database table persistency.
* Worked with Core Java to develop automated solutions for web interfaces using **HTML, CSS, Web services.**
* Applied **JavaScript** for client side form validation.
* Developed web GUI involving **HTML, CSS, Bootstrap, Java Script** under **MVC architecture**.
* Monitoring **WebLogic/JBoss** Server health and security.
* Creation of Connection Pools, Data Sources in **WebLogic** console.
* Used **Log4j** framework to log/track application.
* Involved in developing **SQL queries, stored procedures,** and **functions**.
* Used **Rational Clear Case** for Version Control and **JUnit** for unit testing.

**Environment: Java, J2EE, JSP, Servlets, Spring, Swing, JSF, Hibernate, Jasper, HTML , CSS, Bootstrap, JavaScript, UNIX, Web Services- SOAP, XML, Web Logic, JBoss, Rational Clear Case, Log 4j, IBM DB2 JUnit.**

**Morgan - Stanley, NY Nov 2010 - July 2012**

**Java/J2EE Developer**

**Description:** KPMGis a global network of professional firms providing audit, tax and advisory services. This structure

in which the Cooperative provides support services only to the member firms is similar to other professional services

networks. The member firms provide the services to client.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development.
* Worked extensively with the backend which comprised of **Spring, Hibernate** and **JPA**.
* Worked with **Spring MVC** and **Hibernate** in the backend to build the business logic.
* Consumed **SOAP** based Web Services to integrate with the Web Application.
* Used **JSON** and **XML** formats to transfer data from the server.
* Developed Data Access Layer using **Hibernate** and **DAO Design Pattern**.
* Experience in implementing Web Services such as **SOAP** using **WSDL**.
* Used **JMS** for loosely coupled, reliable and asynchronous exchange of information among J2EE components.
* Used **Maven** to employ standard conventions and practices to accelerate the development cycle.
* Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store data to the database with **Hibernate transaction control**.
* Utilized **Spring MVC** framework to implement design patterns like IOC (Dependency Injection), Spring DAO (Data access objects), Data Transfer objects, Business objects, ORM Mappings.
* Developed **Servlets** and **JSP** for performing **CRUD** operations on domain specific entities.
* Developed test cases and performed unit test using **JUnit** Framework.

**Environment: Java, J2EE, Spring MVC, IOC, Hibernate, Oracle, Maven, JMS, Eclipse, AJAX, JSP, HTML, CSS, Java Script, XML, Servlets, Design Patterns, JUnit, Apache POI, Web Services.**

**ByteAlpha - Hyderabad, India Oct 2009 - Oct 2010**

**Java Developer**

**Description:** This project involves developing a J2EE based framework to support dynamic report creation from

various distributed databases. The framework supports dynamic PDF report generation using iText, an open source PDF

generation library. The framework facilitates new report formats and databases by using xml configuration files.

**Responsibilities:**

* Involved in the software development life cycle requirement gathering, coding, testing, and implementation.
* Worked on the **Java Collections** API for handling the data objects between the business layers and front end.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.
* Developed the applications using **Java, J2EE, Struts, JDBC.**
* Implemented server side programs by using **Servlets** and **JSP**.
* Developed **JSP** as the view, **Servlets** as Controller and **EJB** as model in the Struts Framework.
* Developed in **C/C++** on **Linux** and Cross-platform systems.
* Developed the front end UI using **HTML, JavaScript, CSS** and **AJAX**.
* Used **JavaScript** to perform Client Side Validation.
* Used **Eclipse** as the IDE and **Web Logic** as the application server.
* Implemented the database connectivity using **JDBC** with **MYSQL** database as backend.
* Used **Log4j** framework to log/track application.
* Involved in **JUnit** Testing, debugging, and bug fixing.
* Deployed Applications on Apache Tomcat Server.

**Environment: Java, J2EE, JSP, Servlets, JDBC, HTML, CSS, JavaScript, Ajax, Web Logic, Eclipse, Junit, Rational Rose, Linux, Apache Tomcat and MySQL.**