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**Chandrakanth I**

**Summary:**

* Over 8+ years of experience and backed with rich domain knowledge and practical knowledge of several IT technologies, I seek a career with challenging assignments to amalgamate personal enrichment with professional goals.
* Experience working with various SDLC methodologies based on Agile/SCRUM like Test Driven Development (TTD), Incremental and Iteration methodology, Pair Programming, Agile Development.
* Experience in both functional and object-oriented languages like Java. Using Java/J2EE and other frameworks developed core modules in cross-platform applications.
* Utilized Java 8 features like Lambda expressions, pipelines and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Proficient in applying design patterns like Facade, MVC, Service Locator, Adapter, Visitor, Observer, Decorator, Front Controller.
* Worked extensively with Core Java, Multithreading, Transactions, Exception Handling and Collections. Worked with various frameworks in spring such as Spring AOP, Spring transaction Management, Spring Data, Spring Batch, Spring Boot and Spring Cloud.
* Involved in writing Spring Configuration XML file that contains declarations and dependent objects and used Hibernate framework in resolve layer for mapping an object-oriented model to Relation database management.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for microservices.
* Experience in Dell Boomi integration with SuccessFactors, SAP HCI, Boomi API Management, SOAP and Web Services.
* Implemented SOAP and REST Services using Spring MVC and JAX-RS and developed unit test cases for REST endpoints using Junit, Mockito and Spring Test. To test web services POSTMAN used. Experience on Deployment Automation & Containerization (Docker, Kubernetes).
* Deployed Spring Boot based microservices Docker using Amazon EC2 container services.
* Worked with Apache Kafka for High throughput for both publishing and subscribing, with disk structures that provide constant performance even with many terabytes of stored message.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Expertise in various components in Spring, which includes Spring IOC, AOP, Spring JDBC, Spring MVC, Spring JPA, Spring Batch, Spring Security and Spring Boot.
* Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers. Experience with Java based ORM frameworks such as Hibernate, Scala, JPA, Spring Data, Spring IO, Spring Batch, and Spring Security.
* Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB by using Hive.
* Experience in handling messaging services using Apache Kafka, JMS and RabbitMQ.
* Set up Jenkins server and build jobs to provide continuous automated and manual builds based on pulling the
* Git source control system.
* Experience in cloud Technologies like Amazon Web Services, EC2, ELB, Auto-Scaling and S3 storage. Experience in Database modelling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 10g / 11g/12c and MySQL

**Skills:**

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| --- | --- |
| Programming Languages | Java 8.0/7.0/, C, C++, PL/SQL |
| Java/J2EE Technologies | Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI. |
| Frameworks | Spring 4.3, Hibernate 3.0/4.x, Spring Security 3.2, Scala |
| Application/Web servers | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Web Logic 12c |
| Relational Databases | Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1 |
| NoSQL | Databases MongoDB, Cassandra |
| Internet Technologies | HTML 5, JavaScript 1.8, XML 2.0, CSS 4, jQuery 2.11, Angular 4.0, Node JS 6.0. |
| Cloud Environments | AWS, Kubernetes. |
| IDE | Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3, RAD 6.0/7.0 |
| Operating system | Windows 10, Linux Mint 18.1, Unix |
| Testing &Bug tracking Tools | JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36 |
| Methodologies | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| Build Tools | Ant 1.10, Maven 3.3.9, Gradle 3.4.1 |
| Web Services | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS, Apache Axis |

**Employment History and Work Experience:**

**Client:** AT&T- Dec 2021 to present

**Role**: Full Stack Developer

**Description:**

* AT&T Inc. is an American multinational telecommunications holding company headquartered at Whitacre Tower in Downtown Dallas, Texas. It is the world's largest telecommunications company by revenue and the third largest provider of mobile telephone services in the U.S.
* Involve in working environments using Agile (SCRUM) and Test-Driven Development (TDD) development methodologies.
* Used Java 8 features like lambda expressions for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Implementing the Microservices architecture with Spring Boot based Microservices interacting through a combination of RESTful and Apache Kafka message brokers.
* Involved in developing the applications using Spring Framework for Dependency Injection.
* Implemented fail safe and circuit breaker patterns in Spring Boot, Microservices applications using Hystrix, configured Swagger-UI to registered Microservices with Eureka server and monitored service health check from Spring Boot admin console and Spring Ribbon for load balancing.
* Implemented pre-authentication and database security using Spring Security and securing application access and Spring Batch for scheduling, maintenance of batch jobs.
* Used Spring JPA to perform the CRUD operations and persist the data to the database.
* Used Java/J2EE Design patterns such as Adaptor factors and designer factors Service Locater, DAO etc. and Spring IOC pattern and responses.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Used Jenkins for code deploying by using plug-in to deploy to AWS. Experience with DevOps methodologies, Implementing CI/CD Pipelines using tool sets like GIT, Jenkins, Chef and AWS
* Used Amazon Web Services (AWS) data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing NoSQL queries.
* Used Maven for building and deploying the application in web/App servers. Worked on Docker open-source project by automating the deployment of applications inside software containers.
* Designed enterprise API’s and involved in developing the API’s. Involved in testing API’s using SoapUI and Postman.
* Executed Load Runner/JMeter scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Experience with building Docker Images and running them on Docker container.
* Used Drools engine for validating business rules before executing in runtime.
* Contributes to policies, standards procedures, and documentation of process improvements to continually streamline the Identity and Access Management.
* Used Microservices with Spring Boot-based services interacting through Apache Kafka.
* Used Git for version control and JIRA for bug tracking, project management and Maven as build tool. Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Performed GitHub/GitHub-Desktop bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.

**Client:** Pacific Gas and Electric-Feb 2021 –Nov 2021

**Role:** Full Stack Developer

**Description:**

* The Pacific Gas and Electric Company (PG&E) is an American investor-owned utility (IOU) with publicly traded stock. The company is headquartered in the Pacific Gas & Electric Building, in San Francisco, California, United States. PG&E provides natural gas and electricity to most of the northern two-thirds of California
* Involve in working environments using Agile (SCRUM) and Test-Driven Development (TDD) development methodologies.
* Used Java 8 features like lambda expressions for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Developed Java 8 code from legacy COBOL code by deriving requirements from legacy functionality.
* Implementing the Microservices architecture with Spring Boot based Microservices interacting through a combination of RESTful and Apache Kafka message brokers.
* Involved in developing the applications using Spring Framework for Dependency Injection.
* Involved in writing the validation rules classes for general sever side validations for implementing validation rules as per the design.
* Implemented pre-authentication and database security using Spring Security and securing application access and Spring Batch for scheduling, maintenance of batch jobs.
* Used Spring JPA to perform the CRUD operations and persist the data to the database.
* Used Java/J2EE Design patterns such as Adaptor factors and designer factors Service Locater, DAO etc. and Spring IOC pattern and responses.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Used Jenkins for code deploying by using plug-in to deploy to AWS. Experience with DevOps methodologies, Implementing CI/CD Pipelines using tool sets like GIT, Jenkins, Chef and AWS
* Used Amazon Web Services (AWS) data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing NoSQL queries.
* Used Maven for building and deploying the application in web/App servers. Worked on Docker open-source project by automating the deployment of applications inside software containers.
* Designed enterprise API’s and involved in developing the API’s. Involved in testing API’s using SoapUI and Postman.
* Executed Load Runner/JMeter scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Experience with building Docker Images and running them on Docker container.
* Contributes to policies, standards procedures, and documentation of process improvements to continually streamline the Identity and Access Management.
* Used Microservices with Spring Boot-based services interacting through Apache Kafka.
* Used Git for version control and JIRA for bug tracking, project management and Maven as build tool. Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Performed GitHub/GitHub-Desktop bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.
* Helped individual teams to set up their repositories in git and maintain their code and help them setting up jobs which can make use of CI/CD environment.

**Client:** Mariotte international-Jul 2020 – Jan2021

**Role:** Java Full Stack Developer

**Description:**

* Marriott International is an American multinational diversified hospitality company that manages and franchises a broad portfolio of hotels and related lodging facilities. Marriott International was formed in 1993 when the Marriott Corporation split into two companies, Marriott International and Host Marriott Corporation. In 1995, Marriott was the first hotel company worldwide to offer guests the option to book reservations online, via the company's implementation of MARSHA (Marriott's Automatic Reservation System for Hotel Accommodations.
* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing and followed agile methodology in the Scrum Cycle model.
* Responsible for identifying the root cause, investigate and provide a solution for the escalated and critical pro- duction tickets.
* Designed and developed Web Applications on J2EE using Hibernate and spring frameworks. participated in daily scrum worked with BA and team leads in preparing requirements.
* Prepared technical artifacts including UML Class diagrams, Sequence diagrams etc., using Rational Rose. Worked on creation of custom Docker container images, tagging, pushing images, integration of Spring boot.
* Developed the application model using Spring framework and used Hibernate to interact with the database. Experienced in implementing solution using Spring Service and DAO modules with annotations. Experience in using Observer and Adaptor Factory design patterns.
* Responsible for the design and developing of Persistence classes using Hibernate and Spring Template frame- works to save data in database tables.
* Extensively used different spring framework features including Spring MVC, Spring IOC, Spring AOP and Spring Templates.
* Maintained RESTful applications using Jersey and good at using JSON transport messages. Developed RESTful Web services using Spring Boot to provide domain data for the application.
* Worked on Microsoft Azure (Public) Cloud to provide IaaS support to client. Create Virtual Machines through Power Shell Script and Azure Portal.
* Monitor Azure Infrastructure through System Center Operation Manager (SCOM).
* Creating Storage Pool and Stripping of Disk for Azure Virtual Machines. Backup, Configure and Restore Azure Virtual Machine using Azure Backup
* Developed the UI using REACT, HTML, Bootstrap, CSS3, AJAX and JavaScript.
* Extensively used Array List, HashMap, Tree Set and other Collection classes for concurrent applications. Developed SQL Stored Procedures and Prepared Statements for updating and accessing data from Database. Utilized Hibernate for Object/Relational Mapping and querying using HQL.
* Coded REST web services using spring boot to rewrite existing application to micro web application. Have written Batch jobs using spring Batch and configured them to run at specific schedule time.
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Used Spring JPA to perform the CRUD operations and persist the data to the database.
* Maintained and developed Oracle DB tables, indexes, and PL/SQL procedures for best performance. Used JMS&MQ for messaging and WebSphere server as application server.
* Good at Test driven designs, unit test (Junit) and have experience in passing QA tests.
* Experienced in technical support for production systems and implemented logging using Log4J2 for support. Used Gradle scripts for building and deploying the application in web/App servers.
* Experienced in continuous integration to deploy using Jenkins and automate the tests.
* Responsible in fixing the production issues which are tagged to Releases.
* Created documentation on debug techniques for the application in analyzing the tickets quickly.
* Used Eclipse Integrated Development Environment IDE in entire project development.
* Provided round the clock production support on issues. Whenever the issue rose in production and need to join the call immediately and work with all the application teams resolve.
* Used service now for ticketing tool and Dynatrace for monitoring and health check of applications.
* Responsible for the supporting monitoring issues for the application and should respond immediately for any type of Server and Service Maintenance issues.
* Handled all types of production tickets.

**Client**: Apple -Nov 2018 - June 2020

**Role**: Java Full Stack Developer

**Description**:

* Apple Inc. is an American multinational technology company headquartered in Cupertino, California, that designs, develops, and sells consumer electronics, computer software, and online services. It is considered one of the Big Tech technology companies, alongside Amazon, Google, Microsoft, and Facebook.
* Implemented Agile methodologies, actively involved in technical meetings, requirement gathering, analysis, planning, effort estimation, coding, development and testing.
* Developed User Interface application modules using HTML, CSS3 and JavaScript, JSON and AJAX.
* Wrote client-Side code using React.JS and used NPM & gulp directories to generate the server environments used flux with redux framework to manage targeted URL’s and to monitor the application.
* Used React.JS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Worked with controller, service and view components in applications using Spring 3.5 framework.
* 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.
* Service Oriented Architecture (SOA) was exposed through RESTful web services with loose coupling between layers using spring framework during development.
* Designed and developed Microservices using REST framework and Spring Boot.
* Java expression tags were avoided using Bean, HTML and Logic Tags, and used display tags to render large data.
* Involved in developing role-based HTML navigational menu, where in menu items change dynamically based on the values derived from database in the form of XML data.
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on Oracle DB.
* Used micro-framework to implement with REST API and Mongo DB (NO SQL) as back end database.
* Created JSON Data and stored as documents comprising documents, data types and conversions in MongoDB.
* Implemented Elastic Bean Stalk to auto-deploy and auto-scale applications using services such as EC2 instances.
* Writing Unit test cases using JUnit testing framework and performed unit and system testing.
* Executed Load Runner/JMeter scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Expertise on SoapUI, Selenium Data Driven framework and integrating it with Maven [Build Management Tool], TestNG [Unit Testing tool] and Jenkins [Continuous Integration Tool].
* Worked with JAXB parser for marshalling and Unmarshalling XML data.
* Developed XPATH, XQUERY and custom XML parsers based on SAX, DOM as part of XML Consumption.

**Client**: Bayer Health Care-Aug 2014 - Oct 2018

**Role**: Java/J2EE Developer

**Description**:

* As a leader in healthcare, Bayer provides innovative solutions designed to prevent, alleviate and treat diseases. Bayer's leadership in agriculture provides tailored solutions for farmers to plant grow and protect their harvests using less land, water and energy.
* Involved in designing and implementing the application using various Java and J2EE Design patterns design patterns such as Singleton, Business Delegate, MVC and Data Access Object (DAO).
* Developed UI using spring view component, JSP, HTML, CSS, and JavaScript.
* Utilized Spring MVC annotations and XML configuration for Dependency Injection.
* Implemented Persistence layer using Hibernate to interact with the MySQL database.
* Involved in writing all formats of database quires like SQL, HQL in DAO layer.
* Configured Hibernate second level cache using EH-Cache to reduce the number of hits to the table data.
* Developed REST web services using spring, Hibernate.
* Used JMS Template to publish messages to queues and Message Driven Bean (MDB) to subscribe from the JMS.
* Extensively used Java Multi-Threading concept for downloading files.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.
* Was part of production support team to resolve the production issues.
* Used Jenkins as a continuous integration tool for application building, testing and deploying.
* Used IntelliJ IDE for developing code modules in the development environment.
* Used CVS version control to track and maintain the different version of the project.

**Client**: Olam Americas - Nov 2011 – July 2014

**Role**: Business Developer.

**Description**:

* Olam is a leading food and agri-business, supplying food ingredients, feed and fibre to thousands of customers worldwide, from world famous brands to small family run businesses.
* Involved in Business Transformation through Project Design and implementation of

IT Equipment’s for season preparedness in Plants.

* Prepared IT project timeline and the resources required to the steering committee.
* Prepared power point presentations for training and submitted to the steering

committee for approvals.

* Performed as is study and prepared To Be Process documents for IT and

infrastructure Modules.

* Created flowcharts and got it approved from Key users, and created Business Blue

Print for the existing processes.

* Develop business plans, determine Key Performance Indicators (KPI) and coordinate the measurement results.
* Developed tools and reports in using Power BI for IT and Application Teams.
* Involved in application development for internal teams used for managing IT Assets.

**Client**: Sutherland Global Services-Oct 2006 – Oct 2011

**Role**: Subject Matter Expert

**Description**:

* Sutherland Global Services, Leader in Services like, Customer Interactions Services, Digital Finance, Enterprise Services, Intelligent Facilities Management Smart Hospitals and Mortgage Services
* Worked with Clients like HP, Dell, Microsoft and Symantec.
* Support Client’s home and business users for the desktops, laptops and printers and
* applications.
* Knowledge in virus removal.
* Create Knowledge based documents and share with the team and Business.
* Train the new employees about process and technical skills.
* Knowledge in QA regards Call flow and process
* Network Troubleshooting
* Manage Team and Support Schedule
* Manage Queue and SLA Parameters
* Schedule Weekly Stand-up call with Team and set targets
* Train New members on Client process, policies and technical troubleshooting.
* Send Daily, Weekly and Monthly Reports to Business and Team with Stats and
* process Improvements.

**Education:**

* Bachelor's degree, Electrical, Electronics and Communications Engineering, Anna University 2002 - 2006