**Name:** Phanindra Kalyadapu

**Java Full Stack Developer**

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**Visa:** H1B

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**PROFESSIONAL SUMMARY:**

* Over **8 years** of professional experience in Information Technology (Java and J2EE technologies).
* Involved in all phases Analysis, Design, Development, Implementation and Testing of Software Applications development life cycle.
* Strong working experience in application development using JDBC, Servlets, JSP, Java Beans, JMS, Struts, spring, Hibernate and Webservices.
* Experience in developing web applications using technologies like HTML, Java Script, AJAX, DOJO, JSON, CSS, JSP Tag libraries and GWT.
* Experience in developing web-based applications using Python, Django, PHP, Angular JS, VB, C++, XML, CSS, HTML, DHTML, JavaScript and JQuery.
* Proficient in writing ANT, Mavenbuilds script to automate the application build and deployment.
* Good experience in developing and updating a web page using HTML5, CSS3, AngularJS, React.js, Java Script, backbone.js, and JQuery across various browsers and thereby achieving cross browser compatibility.
* Implemented Node.js server-side code to interact with MongoDB to store & retrieve data using Mongoose drivers.
* Experienced in working with multiple databases like Oracle, SQL Server, Cassandra and MySQL.
* Functional knowledge in implementation of AWS Cloud based technologies like Elastic Servers, EC2 Instance and S3.
* Experienced with Perl, Shell scripting and test automation tools like Selenium RC, WebDriver and Selenium Grid.
* Used CSS preprocessors such as Sass and Less to improve code maintainability and scalability.
* Designed, developed custom, single page (SPA), the responsive web application on the front-end using React JS.
* Experienced in using Kafka, a popular open-source stream processing platform, to build real-time data pipelines and message-based architectures.
* Extensive experience working with SQL Server and Oracle databases, including data modeling, database design, and SQL programming.
* Extensive experience developing and maintaining Amazon AWS CloudFormation scripts for a range of services, including Elastic Beanstalk, EC2, S3, IAM, RDS, and others.
* Experience in OOAnalysis, OODesign using UML.
* Implemented routing logic, navigation from screen to screen and implemented login functionality on the client side in React JS.
* Proficient in developing modular, scalable, and maintainable software applications using modular design patterns such as Dependency Injection, Model-View-Controller (MVC), and Observer.
* Skilled in designing and implementing database solutions for legacy applications using DB2.
* Proficient in using GIT for version control, including creating and managing branches, merging code, and resolving conflicts.
* Proficient in using CloudFormation templates to automate the deployment and management of infrastructure resources on AWS.
* Expert in implementing dynamic web applications using Application Servers like BEA WebLogic, IBM WebSphere and Apache Tomcat and deploying in various environments like Windows and Linux.
* Experience in using ReactJS with popular front-end libraries and frameworks, such as Bootstrap, Material UI, and Semantic UI.
* Proficient in designing and implementing NoSQL database solutions, including Cassandra and CouchDB, to meet business requirements for scalability, availability, and performance.
* Used JavaScript libraries and frameworks such as Ext JS, React JS and Object-oriented programing in JS.
* Hands on experience in using Integrated Development Environments like Eclipse 4.2.x/ kepler/Indigo, NetBeans, ColdFusion and RAD7.
* Experience with Test-Driven Development (TDD) and Behavior-Driven Development (BDD) practices to improve software quality, reduce bugs, and accelerate development cycles.
* Familiar with various Java frameworks and libraries such as Spring and Hibernate.
* Well-versed in DB2's features such as data compression, encryption, and backup and recovery procedures.
* Implemented CSS3 animations and transitions to improve user experience and engage users.
* Utilized object-oriented design patterns and principles to improve code organization and structure.
* Knowledge of Containerization techniques – Docker and Kubernetes for microservices.
* Knowledgeable about the principles of NoSQL databases, including their ability to store unstructured and semi-structured data, horizontal scaling, and eventual consistency.
* Familiarity with CI/CD tools such as Jenkins, Chef, and Sonar, and ability to use these tools to automate the entire software development life cycle.
* Utilized TypeScript's static typing and interfaces to improve code reliability and maintainability.
* Ability to write unit tests and integration tests that validate functionality and ensure code stability and maintainability.
* Experience in RDBMS like Oracle, SQL Server, Netezza, MS Access, DB2/AS400 and MySQL.
* Extensive experience with SQLs/Stored Procedures.
* Familiar with Bitbucket's integration with other Atlassian tools, such as Jira and Confluence, to streamline project management and enhance team collaboration.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages** | Java, Java 8 C, C++, SQL J2EE Technologies Servlets, JSP, JDBC, JNDI, OSGI, EJB, RMI, ASP, Python. |
| **Frame Works** | Jakarta Struts, Spring, Spring MVC, JSF 2.0(Java Server Faces), Hibernate 4.0, Tiles, iBatis, Validator |
| **Web Services** | SOAP, UDDI, WSDL, JAX-RS, JAX-WS, RESTful Web services, AWS, Microservices. |
| **Web Technologies** | HTML, DHTML, JavaScript with Jquery, ExtJS, AJAX, CSS, CMS, Yahoo UI, icefaces API, Angularjs, Azure, Node.js, Backbone.js |
| **Databases** | Oracle 10g, 11g, 12c, MySQL, PostgreSQL, DB2, MongoDB, Cassandra, NoSQL |
| **IDE Tools** | Eclipse, Net beans, IntelliJ, IBM RAD, ANT, Maven, STS |
| **DevOps & CI/CD Tools** | Docker, Kubernetes, Jenkins |
| **Tools** | Junit, Selenium web Driver, TestNG, Protractor, Mockito |
| **Web/App/DB Servers** | IBM WebSphere, WebLogic, Apache Tomcat, JBoss. |
| **Debugging Tools& CI/CD** | JIRA, Jenkins, CHEFF. |
| **Version Control** | Git, Tortoise SVN, CVS, Bamboo. |

**EDUCATION:**

Master’s in Computer Science from (University of Central Missouri) – United States of America 2018

Bachelor’s in Computer science from (Jawaharlal Nehru Technological University Hyderabad)– India 2014

**PROFESSIONAL EXPERIENCE:**

**T-Mobile, Atlanta, GA**

**Role: Full Stack Java Developer**

**May 2020 to till Date**

**Responsibilities:**

* Developing application service components and configured beans using Spring IoC, creation of Hibernate mapping files and generation of database schema
* Developed application service components and configured beans using SpringIoC, creation of Hibernate mapping files and generation of database schema.
* Developed Restful web services using Apache Camel, Springboot and configured Kibana as a visualization dashboard.
* Participated in code review and mentoring sessions and used GIT as version control and GIT Bashfor GIT interactions.
* Taking advantage of the MVC pattern of the Angular7/8 and Knockout.js framework to accomplish the single page application and produce higher maintainability of the code.
* Working on Active MQ Messaging Service for Integration.
* Used Bootstrap and Angular JS, React.js, and Node.js in effective web design. Created distributed Oracle coherence domains, configuration, and system design
* Familiarity with programming languages like Kotlin.
* Java Backend wif GraphQL/Java wif Strong Microservices, spring boot, AWS.
* Worked on migration Microsoft azure service to AWS service for a project.
* Writing JavaScript functions for various validation purposes. Writing Java Beans to contain data objects. Implemented session beans, entity beans and message driven beans.
* Experience in implementing MEAN Stack (Mongo DB, Express.js, Node.js, and React.js.
* Moved the project to Java 8 to extensively use Lamda expressions and have better connectivity to Cloud in addition adding Springboot Libraries and UI Enhancement.
* Coded Java backend, JSP, Struts, JavaScript, Business classes
* Used AWS to deploy the project on EC2 instance Implementation of the Business logic layer for MongoDB Services.
* End to End Integration development from JIRA to Service Now using Restful calls using C++/ JAVA/ Groovy.
* Created a data pipeline through Kafka Connecting two different clients Applications namely SEQUENTRA and LEASE ACCELERATOR
* Developed a shell script which picks up and changes the server commands for various otherscripts to identify the java 8 version.
* Converting Web form applications to use Bootstrap.js, Angular JS, and React.js
* Recommended and developed strategy for integrating internal security model into new projects with Spring Security and Springboot.
* Created RFP (Request for Proposal) microservice to provide RESTful API utilizing Springboot with Spring MVC.
* Used JSP's HTML on front end, Servlets as Front Controllers and JavaScript for client side validations.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala.
* Instructed teams on best practices around PCF and Springboot.
* Created a mock UI webapp in Angular 8 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 8 along with HTML5, CSS3 and Type Script.
* Back-end Java developer for Data Management Platform (DMP) and building RESTful APIs in front of different types of SQL storage engines allowing other groups to quickly meet their Big Data needs
* Developed Reporting Dashboard which will generate reports and reduce manual intervention for support activities. Developed with Spring MVC, Core Java and Sybase.
* V2 API testing on the Advance REST Client and SoapUI.
* Conceptualized, designed, and implemented automated functional API test cases using SOA test, and Soap UI.
* Used Postman API to get convenient, visual display of query results.
* Used various Java APIs like Apache POI, Java Email, I Text etc. as part of test automation.
* Configured Docker containers and Kubernates to manage dozens of micro services.
* Developed Automation Framework for Acceptance Testing using Cucumber BDD and JUnit.
* Created an End to End Framework for Acceptance Testing using Cucumber, JDBC, Maven, WebDriver, Java and TestNG.
* Developing BDD scripts with Cucumber/Java and writing step definitions for behavior and step definitions.
* Used selenium and cucumber for some part for automation testing as well.
* Developed Selenium WebDriver Test Automation Script for regression testing. Maintain scripts in between releases. Reproduce manually failures reported by Automation scripts.
* Implemented client side interface using React.js, flux pattern and Redux framework for SPA.Proficient in working with SQL and other programming languages commonly used with Legacy mainframe DB2, including writing complex queries, stored procedures, and triggers.

**Environment**: Java 8, J2EE, Angular 4/6/7/8, XML, CSS, Spring, Hibernate, Struts, Weblogic, and REST, JQuery, AJAX, ExtJS, JavaScript, JSP, Junit, Windows, JMS, Maven, Github.

**Anthem Inc, Atlanta, GA**

**Role: Java/J2EE Developer**

**February 2019 to Apr 2020**

**Responsibilities:**

* Experience in **Confidential Azure** Cloud Computing development and support.
* Used Java, HTML, JDBC, JSP, Ant, JUnit, XML, JavaScript, and a proprietary Struts-like system.
* Setting up Java/J2EE development environment using Eclipse, Maven and WebLogic.
* Developed on Tomcat for a WebLogic deployment tools included Ant, JUnit, DBUnit, HttpUnit, Visual Source Safe, and Scarab.
* Developed the screens using AJAX, JQuery, HTML5, CSS3, and Angular 2 & 4.
* Built micro services using Docker, AWS Lambda, and Elastic Beanstalk.
* Designed and developed user-friendly GUI interface and web pages using HTML, Angular JS, JQuery, Node.js, React.js, and JavaScript.
* Worked on the Java backend development using Spring, REST API and JSON.
* In-depth knowledge of common API technologies such as OAuth2, SAML, SpringBoot, and Microservices.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Skilled in implementing Kafka-based solutions to solve data integration and processing challenges, including ETL (Extract, Transform, Load) operations and event-driven architectures.
* Strong experience in writing unit, integration, and end-to-end tests to ensure code quality and correctness. I have knowledge of test-driven development (TDD) and behavior-driven development (BDD) methodologies.
* I am also familiar with testing frameworks such as JUnit, Mockito, and TestNG.
* Utilized HTML5 features such as semantic tags and form elements to improve SEO and user experience.
* Experience configuring and troubleshooting network components such as routers, switches, and firewalls.
* Integrated Spring Security with JDBC to manage user registration and login.
* Knowledge of testing tools and frameworks such as JUnit, Mockito, and Selenium, and ability to use these tools to create comprehensive test suites.
* Wrote SQL commands and Stored Procedures to retrieve data from SQL server database.
* Writing **JavaScript** functions for various validation purposes. Writing **Java Beans** to contain data objects. Implemented session beans, entity beans and message driven beans.
* Involved in migrating Hive queries into Spark transformations using Data frames, Spark SQL, SQL Context, and Scala.
* Implemented RESTful web services using spring framework on back-end and Hibernate framework for ORM, Microsoft Azure for authentication and authorization.
* Expertise in using Angular for server-side rendering and performance optimization, including reducing load times and improving SEO.
* Ability to write parameterized CloudFormation templates that allow for easy customization and flexibility.
* Worked with Cucumber in selenium including TestNG and Gherkin.
* Implemented Microservices architecture to carry out the project using Spring Boot and Spring Data JPA.
* Involved in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports.
* Developed Angular 4 Files and Used JavaScript to do the validation on the client end side.
* Experience in UI frameworks such as jQuery, Ajax, JavaScript, NodeJS, ReactJS, Backbone Js, Angular 4,6&8, and experience in Client-side validations**.**
* Involved into Code development and testing using JBOSS ESB (Enterprise Service Bus), Maven, Java 1.7, Restful Web Services.
* Expertise in AngularJS controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and AngularJS. Experience in MEAN (MongoDB, CockroachDB**,** Express, Angular Js and NodeJS**)** Stackapplication development
* Experience with CouchDB, including its document-oriented architecture, replication, and conflict resolution features, and ability to leverage these features to create scalable, fault-tolerant databases.
* Experience working with distributed development teams, and ability to collaborate effectively using code management tools and other remote collaboration tools.
* Experience with Redis Cache, including its in-memory data store and caching capabilities, and ability to leverage these features to improve application performance.
* Expertise in using ReactJS for server-side rendering and performance optimization, including reducing load times and improving SEO.
* Implement the JavaScript/jQuery frameworks such as React.js, Node.js for MVW/MVC framework.
* Involved in building stable **React** components and stand-alone functions to be added to any future pages
* Consumed JSON APIs by using the Angular 2 resource and configuring it.
* Ability to design and implement CloudFormation templates that integrate with other AWS services such as RDS, Elastic Beanstalk, and EC2 to create comprehensive, scalable infrastructure solutions.
* Expertise in using ReactJS for state management, including using Redux, Context API, and MobX.
* Implemented Blue Prism User authentication by defining user roles, creating users and setting password policies.
* Built and Deployed Docker images on AWS ECS and automated the CI-CD pipeline.

**Environment:** Java, Angular 2 & 4, Oracle, SQL server, JSP, JSF, HTML,Jenkins, CSS, JavaScript, JSON, JQuery, Ajax, Spring, Springboot, Hibernate, JBoss, SVN, Subver

**CitiusTech, Inc., Princeton, NJ**

**Role: Java Developer**

**Dec 2017 to January 2019**

**Responsibilities:**

* Created stubs to consume Web services.
* Involved in writing JSP and JSF components. Used JSTL Tag library (Core, Logic, Nested, Beans and Html taglib's) to create standard dynamic web pages.
* Implemented with Angular using its advantage including two-way data binding and templates.
* Identified the defects through Selenium and ensured that business processes deliver the expected results and remain reliable throughout the production release.
* Used NodeJS, ReactJS, and Backbone.JS MVC frameworkfor developing the Single Page Application (SPA).
* Designed and developed the session module using J2EE for existing cold fusion application.
* Implemented build scripts using Maven and GIT technology for version control.
* Followed HTML5 best practices and standards to ensure cross-browser compatibility and accessibility.
* Created custom Webpack plugins to automate repetitive tasks and improve build workflows.
* Used CQL (Cassandra Query Language) to read from and write data into Cassandra database.
* Ability to use Java 8 to develop server-side and web applications, including RESTful web services and microservices.
* Worked on NoSQL databases including HBase, Mongo DB, and Cassandra.
* Ability to design and implement Terraform modules for various infrastructure components, including compute, storage, and networking resources.
* Skilled in debugging and troubleshooting Angular applications, including using browser-based development tools and server-side logging tools.
* Good experience in creating and consuming Restful Web Services.
* Knowledgeable about common NoSQL database use cases, including real-time analytics, high-volume transactions, and data-intensive applications, and ability to design and implement databases that meet these requirements.
* Designed and developed backend application servers using Python.
* Ability to integrate code management tools with other development tools and services, such as continuous integration servers, testing frameworks, and cloud platforms.
* Followed MVC Structure and used AngularJS to develop Single page Application.
* For client-side view rendering services, used **ReactJS**and various predefined **Redux libraries**
* Managed application deployment using Python.
* Familiarity with AWS best practices for infrastructure as code (IaC) and ability to apply these practices to ensure high-quality, maintainable CloudFormation templates.
* Contributed to open-source Polymer.js projects and participated in the community forums to stay up-to-date with the latest developments.
* Used Perl as a Scripting language for server-side scripting of web pages.
* Upgraded Python 2.3 to Python 2.5, this required recompiling mod python to use Python 2.5.
* Enhanced user experience by designing new web features using MVC Framework like Backbone.js, and node.js.
* Extensively implemented AngularJS components ng-click, ng-repeat, ng-model, ng-show, ng-clude etc.
* Developed client GUI modules using Swing, Java script and Flash.
* Used JUnit for testing the application and Maven for building Projects.
* Creation of a Tastypie like module for Node.js - REST APIs design.
* Skilled in debugging and troubleshooting ReactJS applications, including using browser-based development tools and server-side logging tools.
* Experience with SQL Server Integration Services (SSIS) and Oracle Data Integrator (ODI) for data integration and ETL tasks.
* Ability to provide expert support and guidance to organizations with DB2 legacy mainframe environments.
* Built Web pages that are more user-interactive using JavaScript and Angular js.
* Developed and maintained CSS3 stylesheets for responsive and visually appealing web applications.
* Developed JSP Views, Actions and delegating the tasks to corresponding session beans.
* Used HTML5 validation and error handling to improve data integrity and user experience.
* Involved in working with Struts Tiles for the common look and feel for a web application
* Working on Web Services using Java API for XML Services (JAX-WS) and supporting, building, deploying Web APIs Services.
* Involved in writing various components using Spring AOP and IoC framework.

**Environment:** Java, Struts Framework, Oracle, HTML5, React JS, PL/SQL, JDBC, Stored procedures, Web Logic Application Server, Hibernate, Ant, Azure, JAX -WS Web Services, WSDL, EJB.

**R2 Innovations, India**

**Role: Software Developer**

**Sep 2014 - Dec 2016**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Created Hibernate XML files and Java class files to map the object relation Mappings.
* Developing front end of application using HTML, CSS, backbone.js, JavaScript, jQuery.
* Used Angular js framework where data from backend is stored in model and populated it to UI.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Extensive experience in producing/consuming Rest based web services using JAX-RS, Jersey providers.
* Developed the administrative UI using Angular.js and Node.js.
* Developed and maintained OOJS codebase for scalable and maintainable web applications.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes.
* Hands on experience with MVC JavaScript frameworks such as Backbone.js, Angular.js and Node.js.
* Developed and designed Interfaces using Swing.
* Capable of using Kafka to implement real-time analytics and machine learning applications, leveraging the platform's support for complex event processing (CEP) and real-time data processing.
* Developed the web layer using Spring MVC framework.
* Familiarity with ReactJS best practices and design patterns, including container-presenter pattern, high-order components, and render props.
* Demonstrated experience in configuring and enforcing repository access control and branch permissions, ensuring secure and compliant access to code repositories."
* Familiarity with data modeling and indexing in NoSQL databases, and ability to design efficient, scalable data models for complex data structures.
* Familiarity with Java 8 testing frameworks such as JUnit and Mockito, and ability to use these frameworks to write comprehensive unit tests and integration tests.
* Deployed and managed Microservices using Kubernetes for container orchestration.
* Integrated Spring Boot with other technologies such as Apache Kafka, RabbitMQ, or Elasticsearch
* Worked on a code generation framework that generated Java Swing code from XML
* Developed web services in Java. Experienced with SOAP/WSDL. Have also designed and developed REST interfaces in Java.
* Strong understanding of ReactJS performance optimization techniques, including code splitting, lazy loading, and memoization.
* Developed Action Forms and Action Classes in Struts frame work.
* Deployed and managed Microservices using Kubernetes for container orchestration.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed Web services (SOAP) through WSDL in ApacheAxis to interact with other components.
* Integrated Spring DAO for data access using Hibernate used HQL and SQL for querying databases.
* Implemented EJBs Session beans for business logic.
* Experience working with NoSQL databases such as MongoDB and Redis Cache, and ability to design and implement NoSQL database solutions to meet business requirements.
* Wrote stored procedures, triggers, and cursors using Oracle PL/SQL.
* Created and deployed web pages using HTML, JSP, JavaScript and CSS.
* WroteJUnit Test cases for performing unit testing.
* Used ANT automated build scripts to compile and package the application.
* Used Jira for bug tracking and project management.

**Environment:** Java, JSP, JDBC, Struts, Hibernate, Design Patterns, XML, React JS, Springboot, PL/SQL Developer, Weblogic, Apache Axis, ANT, Clear case, JUnit, Web services, SOAP, XSLT, Jira.