**PRATHIK REDDY**

**Java Developer**

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**PROFESSIONAL SUMMARY**



* Around 7+ years of professional IT experience as a Programmer Analyst and software Engineer with complete project lifecycle in Java/J2EE technologies.
* Experience in working with Micro services and developing scalable solutions
* Expertise in Core Java with a strong understanding and working knowledge in Object-Oriented Concepts like Collections, Multithreading, Data Structures, Algorithms, Exception Handling.
* Knowledge of Software Development Methodologies like Agile, Scrum.
* Developed and deployed Front-End components (UI) using JS, JSF, JSTL, JavaScript, ReactJS, JQuery, AJAX, HTML, DHTML, HTML5, XHTML, JSON, CSS3 for projects based on java platform
* Experience in Design, Development, Implementation and Testing of applications using Java/J2EE.
* Experience in HTML5, CSS3, JavaScript, jQuery, ReactJS for client-side development.
* Expert in using jQuery plug-ins such as, form validations, data Tables, date Picker, tabs etc.
* Proficient in Java/J2EE Design Patterns including Singleton, Model View Controller (MVC), Data Access Object (DAO).
* Experience in Web based application development and migration using Java/J2EE, JSP, Servlets, Struts and Spring and Spring Boot frameworks deploying using Kubernetes.
* Experience in consuming and producing the REST (JAX-RS) and SOAP (JAX-WS) based APIs to support complex CRUD operations.
* Experience in working with Oracle, SQL Server, and MySQL databases.
* Experience in Web Services Technologies like SOAP with WSDL and RESTful with JAX\_RS, Jersey, spring, Apache CXF and Node-JS and implemented SOA architecture with web services
* Comprehensive knowledge in databases like MySQL, SQL Server, DB2and Oracle writing Triggers, Stored Procedures and Normalization of databases
* Implemented Apache Lucene and Apache Tika for indexing and content extraction
* Worked on Web Services development using both SOAP/REST
* Expertise to used Multithreading to the application development and for running the different tasks at the same time.
* Proficient in programming by using the IDE’s such as Eclipse and NetBeans.
* Expertise in developing web-based GUIs using servlets, JSP, AJAX etc.
* Good knowledge with database design schemas and data modeling.
* Capable to work within a team environment and independently.
* Strong analytical, logical and communication skills. Hard working and quick learner with self-motivated.
* Excellent interpersonal skills with written and verbal communications and a good team builder and member along with capable to handle pressure to deliver.

**EDUCATION**

**CVR College of Engineering India**

*Bachelor of Technology in Information Technology 2013 - 2017*

Coursework: Programming with C, Data Structures & Algorithms, Database Management Systems, Object oriented programming, Cloud computing, Compiler Design, Shell scripting, Operating Systems, Web Technologies.

**TECHNICAL SKILLS**

**LANGUAGES:** Java 8, 11, 17, Python, CSS3, HTML5, PHP, XML, JavaScript, Angular.js

**WEB SERVICES:** REST, SOAP

**JAVA/J2EE**: Servlets, Groovy, JSP, JSTL, JDBC, JSF, JavaBeans, MVC.

**RPA Automation Tools:** UiPath

**ENVIRONMENT:** Eclipse, Splunk, Oracle Tuxedo, Selenium, LDAP

**RDBMS:** SQL, PL/SQL, MYSQL, IBM DB2.

**ORM** **FRAMEWORK:** Hibernate, Spring Data JPA

**WEB FRAMEWORK:** Spring, Spring Boot

**BUILD TOOLS:** Ant, Gradle, Maven

**SECURITY / AUTHENTICATION:** LDAP, SAML

**CONTAINER TECHNOLOGIES:** Docker, Kubernetes, AWS-EKS

**CICD**: Jenkins, GitLab, GitHub Actions

**OPERATING SYSTEMS:** Windows NT/98/XP/2000/2003/Vista/2008/2010, LINUX and UNIX.

**BPM TOOLS:** Pega PRPC, IBM BPM

**K2America Little Rock, AR**

**Role: Java Developer May 2022 to Present**



**Responsibilities:**

* Participate in full life cycle development of software product, object-oriented analysis, design, implementation, testing and deploying n-tier/client-server applications.
* Followed and used Agile/Scrum methodologies for project execution.
* Analyze and develop complex applications using Java/J2EE, jQuery, Struts, Spring Framework, Spring Boot, Hibernate, Oracle, Maven, and GIT.
* Develop code for JSPs to integrate modules and widgets using HTML, CSS, jQuery, AJAX, JavaScript, Angular 6.
* Develop complex backend layers using Spring MVC, Boot and Struts frameworks.
* Develop web services using JAX-WS and JAX-RS annotations, and micro services using Spring Boot annotations and configurations.
* Configure and deploy applications, on JBoss and WebLogic application server, Apache Tomcat web server and Kubernetes for the cloud applications.
* Develop persistence layers using various features of Hibernate like HQL queries, Criteria.
* Develop test cases using JUnit and Mockito to perform unit testing on back-end layers and services.
* Build application code based on Maven using Jenkins. And perform continuous integrations and deployments using Kubernetes.
* Configured JMS (Java Messaging Service) queues and topics using Oracle Advanced Queue (AQ), to manage notifications being sent out to customers.
* Deployed code on Tomcat server and other application server on WebLogic server using ANT, Maven as build tools and Jenkins as the continuous integration tool Kubernetes.

**Environment**: Java, J2EE, jQuery, Spring Boot, Hibernate, HQL, AJAX, JavaScript, JAX-WS, JMS, Maven, Git Repository, Tomcat, WebLogic, WebSphere, MVC

**JPMorgan Chase & Co Plano, TX**

**Role: Java Developer Sep 2021 – May 2022**

**Responsibilities:**

* Exposed to Agile-Scrum methodology and participated in Sprints, involving cross-functional members, like architects, programmers, analysts, testers, and UI designers
* Involved in the design and development phases of Agile Software Development
* Developed java modules implementing business rules and workflows using Spring Boot
* Involves in Sprint planning for the estimation of efforts for user stories and bugs
* Designed and developed the REST-based Microservices using the Spring Boot
* 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
* Developed Data Access Layer using Hibernate and DAO Design Pattern
* 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
* Deployed Windows and Linux based Docker containers with popular container orchestrators like Kubernetes and DCOS provisioned by the Azure Container Service and integration of container registries, specifically Docker Hub and the Azure Container Registry into DevOps workflows
* Created pods and services using Master and Minion architecture of Kubernetes and developed Microservices build by integrating Jenkins with Docker container using Cloud Bees, Docker pipeline plugin.
* Developed spring controllers, validators, services and DAO's for backend interactions and operations.
* Developed Hibernate entities and performed Object relation mappings and wrote criteria queries for the data retrievals.
* We used multithreading concepts while creating DAO classes. Used multithreading in programming to improve overall performance.
* Used spring declarative transaction management for managing distributed transactions in service layer.
* Exposed Spring MVC controllers as Rest Webservices and configured spring security in the application
* Wrote builds and deployment scripts using Maven and was also responsible in maintaining them.
* Used Fitnesse for the integration testing. Build and deploy done using maven repository.
* In development process agile methodology was adopted along with scrum.
* Used Log4j framework to log/track application
* Involved in JUnit Testing, debugging, and bug fixing
* Used spring framework for integrating the MVC components with business services
* Implemented Data Access Layer (DAL) using Spring Data and Hibernate ORM tool
* Developed and modified database objects as per the requirements
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews

**Environment**: Java 1.8, Spring boot, Oracle, Mongo DB, Junit, Mockito, Hibernate, JDBC, Spring JDBC, Maven, Jenkins, IntelliJ IDE, Jira, GIT Repository, Tomcat.

**American Express Phoenix, AZ**

**Java Developer Dec 2019 – Sep 2021**

**Responsibilities:** 

* Developed the application based on MVC architecture.
* Captured all the functional and technical requirements of the Supply Chain Management System.
* Was involved in the preparation of the software requirements and design document (SRS & SDS)
* Adapted Java Design Patterns DAO, Value Objects and Session Facade to develop business components.
* Developed class diagrams and Sequence diagrams.
* Developed data access layer using Hibernate Framework.
* Defined the detailed application and database design and Used RPC and SOA for web services.
* Implemented and extended the functionality of Cloud Services and Open Stack Horizon using JAVA, REST framework, JavaScript, HTML5, jQuery, CSS3, Node.js and Angular.JS
* Experience in XML related technologies like XSD, DTD, XSLT, XPATH, DOM and parsed them using SAX Parser and DOM Parser.
* Proficient in implementation of frameworks like Struts, Scripting, Spring MVC, Spring Security, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring Batch, JSF and ORM frameworks like Hibernate.
* Development of GUI for HTML and JSP Versions. Java Servlets were used as the common gateway interface between the client and server.
* Extensively used REST and JSON, SOAP, Service, JDBC and JMS pallets.
* Developed Apex REST web service classes for inbound calls to salesforce to retrieve and save data in salesforce.
* Stored project related commands in package JSON using Node JS.
* Integrated MySQL database with the Swing/AWT application.
* Wrote back-end scripts on Node.js/JavaScript.
* Java Beans were used to handle business logic as a Model and Servlets to control the flow of application as Controller.
* Involved in collecting requirements from Business Users and Data Modeling and designing and developing Tools using: J2EE, Java, Servlets, EJB, and JSP.
* Front end validations are written using JavaScript.
* Performed Unit Testing using JUnit.
* Provided a User Manual and User Training on the new system to ease them into the new system.

**Environment**: Java 1.8, J2EE, HTML, CSS, JDBC, JavaScript, JSP, Swing, Gemfire, Node.js, Servlets, Microservices, EJB, CVS, Web Sphere, Oracle 11g, SAX parser, Linux, MVC patterns, GIT Repository.

**Virtusa Corporation India**

**Role: Associate Engineer - Technology** **Aug 2017 – Dec 2018**

**Responsibilities:**

* Installed, configured, and deployed software, provided quality assurance.
* Troubleshoot various software issues using debugging process and coding techniques.
* Developed the hospitalization and medication modules to provide doctors with users’ previous medical records.
* Designed and developed the User Interface using JavaScript, ReactJS, HTML5 and CSS3.
* Used JavaScript, CSS3, HTML5 to create front end screens of the module.
* Worked with senior engineers to create web pages and fix bugs for the website.
* Developed, Configured and Deployed a variety of Portals and UI Applications including HTML5, CSS3 and JavaScript.
* Wrote and executed test cases based on written design, as well as based on product knowledge that resulted in
* greatly improving the software.
* Implemented all validations and done testing.
* Researched and documented software bugs and created and implemented fixes. Involved in documentation, review, and analysis of requirements.

**Environment**: Java 1.8, J2EE, HTML, CSS3, Debugging, Git, JavaScript, ReactJS, Agile, Kibana, Tracing

**Virtusa Corporation India**

**Role: Software Engineer Intern** **May 2017 – Jan 2018**

**Responsibilities:**

* Built Pega BPM web applications for efficiency, achieving 40% boost in productivity and cost savings with automation and decisioning
* Cut customer onboarding time by 20% with Pega Sales Automation Framework, resulting in 30% increase in lead conversion.