**APOORVA ANANDSr. Full Stack Java Developer**

(929) 367-6492

[apoorva.tel@gmail.com](mailto:apoorva.tel@gmail.com)

# PROFESSIONAL SUMMARY

* Over 7 years of professional software development experience in object-oriented analysis, design and development of web applications using **Java/J2EE** technologies.
* Involved and experienced in all phases of Software Development Life Cycle- **Analysis, Design, Implementation, Testing, Maintenance,** and **Performance tuning**.
* Extensive experience in design and development of multi-tier applications using **Java, J2EE**, **JSP, Servlets**, **Struts, Hibernate, JDBC, SpringMVC, XML, Web Services(SOAP, REST), Microservices, HTML, JavaScript, Node.js, AJAX, JMS.**
* Experience in building applications using various technologies like **Java**, **Spring**, **Hibernate**, **Struts framework**, **Servlets**.
* Web application development using**HTML5**, **XHTML**, **CSS3**, **AJAX**, and **JQuery**, **JavaScript**, **AngularJS/2/4/6**, **React**, **Node.js**, **Bootstrap** and **JSON**.
* Working experience with different Spring Framework modules like **Spring Core**, **Spring Application Context**, **Spring MVC**, **Spring AOP, Spring ORM,** etc.Experienced in creating Restful Services with **Spring MVC** Framework and using**Hibernate**.
* Proficient in **Object Oriented Programming** using **Core Java**, **Multi-threading, Synchronization, Serialization, Collections** and **Data Structures**.
* Expertise in **SQL, PL/SQL** programming. Database management experience includes **Oracle, MS SQL, MySQL, IBM DB2,NoSQL, Mongo DB, PostgreSQL, Cassandra**and **Sybase**.
* Experience in build tools such as **Ant**, **Maven**, **Gradle**for project development and deployment.Experience in building and deploying applications using **Jenkins Continuous Integration Tool**.
* Well versed in working on projects using **Waterfall**model and **Agile** methodologies such as **SCRUM** and **Test Driven Development** (**TDD**).
* Experience with **Object Oriented Analysis and Design** methodology using tools like **Unified Modeling Language** (UML) and **Rational Unified Process** (RUP) with **IBMRational Rose**.
* Experience using Solution Architecture J2EE design patterns like **Singleton, Command, Factory, Observer, Front Controller, DAO, MVC, Session Facade, Business Delegate, Service Locator, Transfer Object,** and **View Object**.
* Experience in developing **Web Services** using – **REST, SOAP, WSDL** and developing **DTDs, XSD** schemas for **XML** (parsing, processing, and design). Worked with XML parsers like **JAXP** (SAX and DOM) and **JAXB**.
* Experience in working with **IBM WebSphere** Portal/Application Server, **BEA WebLogic**, and **Apache Tomcat**.
* Expertise in implementing **JMS** and asynchronous communications between two applications running in different servers.
* Hands on experience with **JUnit, Advanced Rest Client** and **Log4j** in developing test cases and **Jira** for tracking and logging issues and determining application functionality.Experience working with version control systems like **SVN, CVS, GIT,** etc.

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Operating Systems** | Windows 10/8/7, Unix, Linux (CentOS, RedHat, Fedora, Ubuntu), Mac OS |
| **Languages** | Java, Python, C#, C++, C, SQL, SQL Plus |
| **UML Design Tools** | Rational Rose, Microsoft Visio, Visual Paradigm, Rational XDE |
| **J2EE Technologies** | Servlets, JSP, JMS, JAXB, JNDI, EJB, JDBC, JPA, RMI/IIOP. |
| **Frameworks** | Spring, Hibernate, JSF, Struts, Spring MVC |
| **Web Technologies** | HTML, DHTML, CSS, Bootstrap,JavaScript, Angular, React, jQuery, AJAX, Backbone.js,Node.js, Ember.js, PHP |
| **XML Technologies** | XML, XHTML, XSLT, XML Schema, XSD, XPath, XQuery, DTD |
| **Databases** | Oracle,SQL Server, MySQL, NoSQL, PostgreSQL, MongoDB, SQLite, Cassandra |
| **Servers** | IBM WebSphere, BEA WebLogic Server, Apache Tomcat, JBoss,  IBM WebSphere Process Server, Glassfish, and Resin Web Servers |
| **Others** | Eclipse, Net Beans, WebStorm, IntelliJ, Spring Tool Suite, Clear Case, Maven, Gradle, Grunt, Jenkins, ANT, Splunk, JUnit, Log4j, Selenium, Cucumber, SVN, CVS and GIT |

# PROFESSIONAL EXPERIENCE

**RESMED** **Dec 2017 - Present**

**San Diego, CA**

**Sr.Full Stack Java Developer**

Resmed is a tech-driven medical device company that manufactures CPAP masks, machines, and other products that diagnose, treat, or help manage sleep-disordered breathing (sleep apnea in particular), chronic obstructive pulmonary disease, or other respiratory conditions.

**Responsibilities:**

* Involved in gathering and analyzing business requirements, complete development, testing and maintenance of the applications; followed **Agile** methodologies.
* Extensively used **Spring Framework** modules like **MVC**, **DI(IOC)**, **JDBC Templates**, **Spring Security**, **JMS** and **AOP**.Implemented the project structure based on **Spring MVC** pattern using **Spring Boot**. Created and injected **Spring** services, controllers and **DAOs** for **DI** and to wire objects of business classes.
* Extensively used **Hibernate Mappings**, **HQL**, **Query**, **Criteria**, **Lazy LoadingTransactions** and **Lockings.** Developed Stored Procedures, triggered stored procedures using **Hibernate**.
* Designed web pages using **Angular4Validations**, **Modules**, **Events**, **Expressions**, **Directives**, **Controllers** and **Filters**.Design **JSON** responses according the request send it back to the front end after the logic processing. Used **AJAX** effectively to create pagination and with client side events like quick search.
* Created a Front-end application using **Bootstrap**, **Restful**, **AWS**, **Angular4**, **JSPs**, and **Spring MVC** for registering a new patient and configured it to connect to database using **Hibernate**.
* Used **Bootstrap** in combination with **Angular4** to develop this website as a responsive website. Used two way data binding features of **Angular4**with **ng-model**to implement **Data binding** to bind various server controls to the data from database. Created the responsive UI components using **React/Redux** and to dispatch events to the store.
* Experience with various **persistence** mechanisms and **APIs** like **JPA**, **JDO**, **Hibernate**, **EJB**. Worked with high volume and complex **PL/SQLStoredProcedures** and **Packages** using **TOAD**.
* Developed and consumed **Apache CXF** based Web Services as part of a payments application. Exposure to **JAXB**&**JAX-WS**. Used **Spring JMS** to post and consume the messages from the **IBM MQ Server**.
* Implementing or exposing the **Microservice** architecture with **SpringBoot** based services interacting through a combination of **REST** and **ApacheKafka** message brokers.
* Worked with **HTML5**, **CSS3**, **JSON**, **JavaScript**,**React.js** and **ES6** for developing user interface. Developed a **RESTAPI** using **SpringBoot** as a **microservice** for interacting with notification manager and **MongoDB**.
* Responsible for design of **WSDL** files and schemas. Designed and hosted **SOAP** based Web Services on **Web Sphere Application Server**.
* Developed **Grunt** tasks to run the **unittests** on **Jenkins**. Coordinated **Kafka** operations and monitoring (via **JMX**) with Dev Ops team.
* Set up **Jenkins** server and build jobs to provide **continuousautomatedbuilds** based on polling the **Git** source control system.

**Environment:** Java, Spring, JPA, Hibernate, Web services, HTML, CSS, JavaScript, Angular 4, JSON, Bootstrap, JQuery, JSP, AJAX, JavaScript, Jenkins, MongoDB, WebSphere, SOA, JBoss, IBM MQ, Spring MVC, SOAP, REST, WSDL, SQL, GIT, Spring Boot

**FEDEX Feb 2017 – Nov 2017**

**Memphis, TN**

**Sr. Full StackJava Developer**

FedEx is a courier delivery services company that operates globally. The company is known for its overnight shipping service and pioneering a system that could track packages and provide real-time updates on package location.

**Responsibilities:**

* Involved in gathering and analyzing business requirements and converting them into technical specifications. Designed and coded application components in an **Agile** environment utilizing a test driven development (**TDD**) approach.
* Designed and developed front-end UI using **HTML5, Bootstrap, CSS, JavaScript, XML, XSD, XSLT, Angular4, ReactJS**.Created **Typescript** reusable components and services to consume REST APIs using Component based architecture provided by **Angular 4.0**.
* Used **Spring-IOC** concepts and **Spring MVC** pattern for developing the application. Used Apache **Camel** in the **JBoss** Fuse ESB as the integration platform for SOA Services.
* Tested the web services using **SOAPUI** and by writing web service client in Java for transmitting the offender's information in **XML** data using the **WSDL** provided.
* Developed Restful (**JAX-RS**) web services using **REST Easy** and **Jersey** framework, **JSON** as data exchange format to integrate custom web applications with enterprise systems like LDAP, RDBMS and ServiceNow ticket management tool
* Used **JBoss Fuse** for remote console login, **JMX** management and web server console.
* Implemented **ORM** in the persistence layer using **Hibernate** framework in conjunction with **Spring AOP** functionality. Experienced in developing web services and worked with **Web Sphere Application Server**. Worked on server side of the application using **Hibernate** framework.
* Developed multiple POC's to create an interface between backend and frontend by using **MongoDB**, **ExpressJS**, **Angular** and **Node.js** (MEAN).
* Extensively worked on **Java**persistence layer in application migration to **Cassandra** using **Spark** to load data to and from **Cassandra Cluster**.
* Used **JMS** for vendor communication. Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report to **MQ Server** using MQ Series. Used **JMS** to send messages securely, reliably and asynchronously to Web Sphere.
* Experience in development and configuration of monitoring solutions to provide full visibility to different platform components using tools and services like **AWS**, **Cloud watch**, **Splunk**.
* Developedenhancements to database driven web-based payroll software, back end development and maintenance using **PHP** and **MySQL**.
* Used **SOAPUI**, **Web Logic ANT** task to test Web Services running on **Web Logic Server**. Used **JIRA** tool for tracking stories progress and follow agile methodology.
* Set up **Jenkins** server and wrote build jobs using **Jenkins**, **Maven** to provide continuous automated builds and maintenance.

**Environment:** Java, J2EE, Spring MVC, HTML, CSS, JavaScript, JQuery, Angular, Typescript, Bootstrap, AJAX, JMS, JBoss, Cassandra, MongoDB, Log4j, JIRA, ANT, Jenkins, JSON, Web Services, SOAP, REST API, GIT, Maven, Docker

**MISSISSIPPI STATE DEPT OF HEALTH Apr 2016 – Dec 2016**

**Jackson, MS**

**Java/J2EE Developer**

The Mississippi State Department of Health protects and advances health throughout Mississippi. Their various operations include health protection, health promotion and health planning.

**Responsibilities:**

* Followed **Agile** methodology for application development; attending daily stand-ups and weekly **SCRUM** meetings.
* Implemented **Spring MVC** architecture and **Spring Bean Factory** using **IOC**, **AOP** concepts. Created **RFP** micro service to provide RESTful API using **Spring Boot** with **Micro Services**.
* Worked on **thread handling** to maintain continuity of execution and extensively implemented **multithreading** to handle TransactionManagement with isolation.
* Used **Hibernate**(**ORM)in conjunction with Spring AOP** to store persistent data into **Oracle** database and **JDBC** for database-independent connectivity.
* Implemented several agents as **Servlets** that run regularly to load the data into **DB2** database from external systems.
* Designedtables in **Oracle 11g** database and implemented stored procedures (PL/SQL)to be integrated in the application using **JDBC**.
* Designed asynchronous messaging using **JMS** to exchange critical business data and events among **J2EE** components and legacy system.
* Apache **AXIS2** web service implementation including **SOAP** and **WSDL** engine. Integrated process into build system which auto-generates **REST API** documentation from source code improving API documentation quality and availability while reducing maintenance costs.
* Implemented **Java** and **J2EE** Design Patterns like Façade, Abstract Factory, Singleton, Factory, Data Access Object (DAO), Service Locator, and Chain of Responsibility. Involved in unit testing using **JUnit**, and mock objects (**Easy Mock**).
* Implemented classes, interfaces and methods, constructors and object definitions using **TypeScript**. Registered **Angular**components in modules using decorator functions like **Component**, **ng-module**.
* Worked with **Rest web services**and**Node Rest** framework for backend services, used **MongoDB** (NoSQL) for database services and RESTful web services using **Jersey** for **JAX-RS** implementation. Used **POSTMAN** to test API end client using REST Web Services.
* Used **Jenkins** as the integration tool and improved scalability of applications on cross-platforms. Used **Maven** to build and deploy to **Tomcat** server and **Splunk**for log monitoring.
* Wrote **JUnit** test cases for unit, integration, and functional tests that run automatically in Jenkins builds.Used **SVN** for version control and **JIRA** for bug tracking and Project Management.

**Environment: Java, Spring MVC, JDBC, JMS,JSON, REST, Jersey, Hibernate, SQL, Oracle,MongoDB,WSDL,PL/SQL, HTML, CSS,JavaScript, Angular, TypeScript, JQuery,Windows, Jenkins, Apache Ant, Maven, SVN, Tomcat, Jira, JUnit, POSTMAN**

**NORTHERN TRUST BANK Sep 2015 – Mar 2016**

**Chicago, IL**

**Java/J2EE Developer**

Northern Trust is a financial services company catering to corporations, institutional investors and high net worth individuals. It assists its clients in wealth management, asset management, and corporate and institutional services.

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development, testing and maintenance phases of application.
* Used **Spring** framework to inject services, entity services, transaction management and concerns by factory class corresponding to the use case operation executing.
* Supported and developed enhancements to existing implementation of correspondence components using **JPA** and **WebServices/JMS**.
* Handled the back-end operations using **SQL**, Stored procedures, triggers and developed the persistence structure using **ORM-**based **Hibernate.** Developed **Mongo DB** Data Access Layer implementing Mongo **Repository** interface from **Spring Data**.
* Extensively worked on **Entity beans** in the persistence layer, and their interaction with **Oracle DB**.Developed **Spring Boot Microservices** with microservice architecture using **REST** and **ApacheKafka**.
* Implemented **microservices** for distributing different responsibilities of the system into different services to enhance cohesion and reduce coupling. Implemented **load balancing** among servers with**SpringRibbon**.
* Used **Hibernate**, object/relational-mapping (**ORM**) solution, technique of mapping data representation from MVC model to **Oracle** relational data model with SQL-based schema.
* Involved in creation of custom **Docker** container images, tagging, pushing images, integration of **SpringBoot**. Created **Docker** containers and consoles to manage the application life cycle.
* Used **Node.js** as a proxy to interact with **REST** services and also interacting with Database. Developed Web Enabled client **FIX** interface for order routing and developed test cases.
* Wrote **JUnit and Mockito** test cases for unit, integration, and functional tests that run automatically by **Jenkins** in the builds triggered by each push to **GIT**. Used **Maven** for build support.
* Built a web frontend using **Spring MVC** Framework with **JSP**, **HTML**, **CSS**, **AJAX**, and **JavaScript**. Implemented **AJAX** functionality using **JQuery**, **JSON** and **XML**. Worked on **Angular2** and **Bootstrap** for building rich internet applications.
* Involved in **WebLogic** server configurations set up, setting up data sources and queues, and deploying the application.

**Environment: Java, Spring MVC, Spring IOC, Spring Boot, JDBC, JMS,HTML, CSS, JSON, JavaScript, AngularJS, JQuery, REST, Apache Kafka, Hibernate, REST, Microservices, Ribbon, MongoDB, SQL, Oracle, Eclipse, XML, Windows, Jenkins, Ant, WebLogic, GIT, JUnit, Mockito, Maven**

**PHILIPS May 2014 – Jul 2015**

**Andover, MA**

**Java/J2EE Developer**

**Philips manufactures and markets consumer electronic, domestic appliance and personal care products, healthcare solutions, and lighting solutions for North American market.**

**Responsibilities:**

* Analyzed, designed and developed the system to meet the requirements of business users.
* Designed user interface screens using **HTML**, **Bootstrap**, **CSS**, **Backbone.js**, with **JavaScript** for client side validation. Used **XML** parser APIs such as **JAXP** (SAX) and **JAXB** in the web service's request response data.
* Involved in development of distributed objects like **EJBs** (session beans), Business objects/Domain objects that fit into the architecture and various components and helper classes that were commonly used throughout the application.
* Used **AngularJS** and **JQuery** to make the pages dynamic and implement two-way data binding. Implemented **AJAX** functionality using **JQuery,JSON** and **XML**.
* Developed the **CRUD** API for the POS Engine using Restful Web Services. Extensively used **Spring IOC**, Spring's **Hibernate** support, transaction management.
* Used **Adapter** Pattern and combined sequential and parallel **Enterprise** pattern to send and receive data from our third party system.
* Used **Aggregator** and **Conversional** pattern to aggregate the response received. Developed **Helper** Classes and Value data access objects which interact with Database.
* Developed and maintained a single-page application using **Backbone.js** for front-end server side layer, **HTML**and **CSS** to deliver rich user experience.
* Designed and developed SOA enterprise solution with **Talend Open Studio**, **Apache Karaf** and **Camel**.
* Created/managed **Mongo DB/NoSQL** collections. Developed server side automation using **Node.js** scripting and connecting different types of **SQL** and **NoSQL** stores.
* Deployed the application in **Web Sphere** Application Server 6.0.1. Used **SVN** and **Git** as version control systems.
* Performed backend unit testing using **JUnit**and prepared code documentation for future reference and upgrades .Performed front end unit testing using **Jasmine Test Framework** for the JavaScript utility.
* Designed and developed a number of **RESTful** web services that support **JSON** for other developers to access and to speed up development using **Spring MVC**, Spring Web Services, **JSON**, **Log4j**, **RESTful**, **MySQL**, and **Maven**.
* Performed the code reviews and enforcing the standards. Coordinated with **Quality Analysis** team and handling issues. Interacted with different teams, and involved in reviewing deliverables.

**Environment:** Core Java, J2EE, Spring MVC, JUnit, JSP, JSON, XML, JDBC, JBoss, Apache Karaf, Apache Camel, JavaScript, AngularJS, Backbone.js, Node.js, Hibernate, Jasmine Test Framework, Maven, REST, Log4j, HTML, CSS, Bootstrap, MongoDB, MySQL Server, SVN, Git, Talend

**QUINTILES INC. Jul 2013 – APR 2014**

**Durham, NC**

**Java/J2EE Developer**

Quintiles, Inc. (now IQVIA) was an American multinational company that served the combined industries of health information technologies and clinical research.

**Responsibilities:**

* Involved in coding, logic design, development of applications using **Java/J2EE**, **Spring**, **Servlets**, **JSON**, **MVC**, **HTML**.
* Used **J2EE** design patterns like **MVC**, **Singleton**, **Factory**, **DAO**, **DTO** and **Service Locator** etc. Worked onweb applications with **Model View Controller** capability to make development and testing of code efficient.
* Developed the code for the tabulated listings, reports and charts for the performance of the employees using **MVC** design pattern and on **Struts** Framework(**Struts MVC**) and data access.
* Developed RESTful web services using **Jersey**, **Spring** framework and **JAX-RS**. Developed **data access objects** to encapsulate all access to the data source using **Spring DAO** module.
* Developed**JSON** parser to extract data from the Endpoints using **REST** clients to display data to the front end. Developed the **front-end** featuring rich web interface implemented using **HTML**, **CSS**, **Bootstrap**, **JavaScript** toolkits.
* Used the **Node.js** as the web server and **AngularJS**, **MVC**frameworks in the development of the web applications.
* Implemented performance enhancement principles such as browser caching, DB connection pooling.Designed database schema on **Oracle** and wrote various stored procedures for DB operations.
* Worked on **Service Oriented Architecture**(SOA) environment for developing the services for the users.
* Developed **session beans** to include the business logic and wrote **PL/SQL** procedures for intensive database transactions to store data.Used **Toad** and **Oracle9i** SQL prompt to interact with the database.
* Provided **quality assurance** and **cross browser compatibility testing** during development phase.
* Involved in bug fixing during the System testing, Joint System testing and User Acceptance testing. Responsible for code reviews, writing unit test cases and unit test using **JUnit**. Monitored error logs using **Log4j** framework.
* Responsible for design of **WSDL**, **XSD** files and schemas. Designed and hosted **SOAP** based web services on WebSphere Application Server.

**Environment:** Java/J2EE, Spring framework, SpringMVC, REST, SOAP, JSON, Jersey, Node.js, HTML, CSS, Bootstrap, JavaScript, AngularJS, SVN, Toad, Oracle, Spring DAO, PL/SQL, WSDL, XSD, SOA, WebSphere, JUnit, Log4j

**ENTHRALL TECHNOLOGIES Aug 2011 – May 2013**

**Hyderabad, India**

**Java/J2EE Developer**

Enthrall Technologies is an IT-services company delivering e-learning, mobile development, application services and product engineering solutions to clients across various industries.

**Responsibilities:**

* Involved in several phases of the project including application analysis, technical design, development, debugging, testing & documentation and incorporation of user feedback to plan enhancements in the application system.Designed application architecture using **OOAD** tools like **Rational Rose** and **MS Visio**.
* Involved in designing and developing the web-based client using **HTML5, CSS3, JavaScript, AJAX, JQuery, JSP** and **JSFs,** and **XML**.Updated **CSS** layout to reflect the new changes as per the addition of new components.
* Involved in development of Web services (**SOAP**) using **CXF, JAX-WS, WSDL, XSD** and **JAXB** to send fusion data to different upstream systems.
* Used **Spring IOC** to inject **DAO** objects into the Business delegate classes. Utilized Spring **DI/ORM/JDBC** modules.
* Developed the action classes, logic classes for executing business logic, **DAO** classes to access the Database using **JDBC**.
* Implemented the **CRUD** operations using different SQL queries on**MySQL** databases.Used **JDBC** to connect to back end database **Oracle**. Used **PL/SQL**extensively by developing different tables and running SQL queries on them.
* Extensively used **SOAP** Web Services for providing services to other platforms.
* Developed the custom logging framework used to log transactions executed across the various applications using **Log4j**.
* Coordinated with QA Testing Team regarding testing issues like setting up builds, helping in issuing tickets, setting up Test Environment.
* Wrote **JUnit** test cases and tested the modules in development and QA environment. Used **Ant**scripts and **Maven** in building the application and auto deploying it to the environment.

**Environment:** Core Java, J2EE, Spring, JUnit, JSP, Servlets, XML, JDBC, JBoss, WSDL, XSD, JavaScript, Oracle PL/SQL, HTML, CSS, JQuery, MS SQL Server, MySQL, Agile, Web Services, SOAP

# EDUCATION

# Bachelors in Computer and Science Engineering - JNTU, Hyderabad, India-2011.