**Deepthi Pathikadapa**

**Java Developer**

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**Professional Summary:**

* Overall **12+ years** of experience in Software design and development activities including requirement analysis, design, development and testing of various client server - based applications using **J2EE technologies.**
* Strong hands-on experience in **Core Java,** **advanced Java**
* Strong hands-on experience in **Spring Boot** with **Spring data rest** and **Spring data JPA**.
* Experience in producing/consuming REST web services using spring with **REST API**.
* Strong experience in Spring Framework such as **Spring MVC, IOC, Security and Spring JDBC**.
* Experience in implementing Java EE design patterns such as **Singleton**.
* Experience in designing front end interfaces such as **HTML**, **CSS**, **JavaScript**, **JQuery** and **Ajax**.
* Hands on experience in **build**, **publish** and **deployment** tools such as **Maven**.
* Hands on experience in **Logging** and **Debugging** using **Log4j**.
* Experience in application developments(IDE) like **Eclipse**.
* Proficient with **JDK (Java Development Kit) 8 and11** features like Type interference for lambda parameters, to Array Default Method, Functional Interfaces
* Experience in Cloud Technologies - Amazon Web Services (AWS), AWS **Ec2** instances, **S3** bucket, AWS Identity and Access Management (IAM).
* Knowledge on **Terraform**, **Docker** container services.
* Experience in Spring securities such as **OAuth2 with SSO (Single Sign on) and** MFA (Multi Factor Authentication or Two Factor Authentication)
* Knowledge **Micro services** into existing system architecture.
* Experience in using **Amazon EC2 container services**.
* Experience using **Hibernate** for mapping **Java classes** with database and using **Hibernate query language** **HQL**
* Proficient with designing and developing high performance applications by leveraging Concurrent programming/**Multi-Threading** and Data Structures.
* Experienced in implementing persistence solutions using JDBC and Hibernate with various SQL databases such as **Oracle, MS SQL Server,** and **MySQL.**
* Experience in build tools like **Maven** to build and deploy n-tier distributed enterprise applications.
* Experience in using **Linux commands** for deployment process with various tools like **Putty**, **Win SCP**
* Experience in Web services testing tool such as **Postman**.
* Experience in work management tool such as **JIRA**, **confluence**.
* Experience in using version control and configuration management tools like **GIT, GITHUB**, **Bitbucket** and **SVN**.
* Experience in developing the application with **Agile** Methodology, **Waterfall** Methodology and Test-Driven Development.
* Excellent communication skills, interpersonal, strong architectural skills, hardworking and a very good team player and ability to effectively communicate with all levels of the organization such as technical, management and customers.
* Having good knowledge on **Angular** framework and willing to work more in future.

**EDUCATION:**

* B. Tech (C.S.E) from JNTU Hyderabad University (2001 - 2005)
* Intermediate from Board of Intermediate Education, A.P (1999 - 2001)
* SSC from Board of Secondary Education, A.P (1998 - 1999)

**Technical Skills:**

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| **Languages** | JAVA (J2SE/J2EE 7/8/11), SQL, PL/SQL |
| **Frameworks** | Spring, Spring Boot, Spring Data REST, Spring Data JPA, Spring-Core, Spring-DAO, Spring JDBC, Hibernate, Struts, Liferay |
| **Web Servers** | JBOSS, Apache Tomcat |
| **Databases** | Oracle, MySQL, DB2, MS-SQL Server |
| **Process Tools** | Jenkins, Jira |
| **IDE / Tools** | Eclipse, Spring Tool Suite (STS). |
| **Version Controls** | GITHUB, Bitbucket, SVN |
| **Build Tools** | Maven, Ant |
| **OtherTechnologies** | JUnit, Log4J |
| **UI Technologies** | HTML, CSS, BootStrap, JavaScript, TypeScript, Angular 8+, React |
| **Methodologies** | Agile, SDLC Waterfall model |

**Professional Experience:**

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|  1. | Project Name: Accela(https://www.accela.com/) (Currently working) |
| Client | Accela |
| Role | Senior Member of Technical Staff |
| Organization | MARS Telecom |
| Duration | **Nov 2020 – Till date** |
| Team Size | 10 |
| Environment(with skill versions) | Java, Spring Boot, Oracle, MySQL, REST API, Mockito, Angular 8+O/S : Windows 10 (AWS VM) |

**Description:**

A unified suite of cloud solutions at the heart of the world’s most innovative and connected governments.

Modernize your government services with our robust, secure, compliant, government software that adapts to your evolving needs. The high-performance cloud platform can connect you to other departments and agencies to share data and create better resident experiences.

**Responsibilities:**

* Involving in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM).
* Developed and implemented **Spring boot, Spring Modules (DAO, MVC, Securities, ORM data)** and **Java/J2EE based MVC (Model-View-Controller)** framework for the application.
* Application Modernization of all the existing **Java 11+ application** and Batch Jobs with help of **Spring.**
* Created PL/SQL module which was used to integrate the existing data from third parties and on to the database.
* Developed end to end application on **Spring Boot Framework (Rest API Application/Spring JPA** using Crud repository).
* Deployed **Spring Boot** using **Amazon EC2** container services using AWS admin console.
* Developed web services using RESTful technology to support **JSON** and **XML** using **JAX-RS.**
* Implemented exception handling in Java Spring boot for REST API, by making use of Exception Handler and Controller Advice annotations.
* Used **Angular** as frontend technology .
* Used **GitHub** for code repository and version control.
* 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.
* Involved in group meeting with teammates and made substantial changes to the architecture to improve performance of the Application.
* Experience in Amazon Kubernetes to manage containerized applications

**Environment:** Java 11, Spring, Spring Boot, Spring Security, AWS, Jira, GIT, Jenkins, REST API, JAX-RS, Oracle, Apache Tomcat Server, JSON, Angular, Agile, Windows.

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| 2. | Project Name: ESG(https://esgglobal.com/)  |
| Client | ESG |
| Role | Tech Lead |
| Organization | Ebix Software India Pvt Ltd |
| Duration | **Jun 2015 – Oct 2020** |
| Team Size | 8 |
| Environment(with skill versions) | Java, Spring Boot, Oracle, MySQL, REST API, AWS EC2 Instances, Angular 8+O/S : Windows 10, Linux |

**Description:**

ESG stands for environmental, social and governance. ESG’s unbeatable energy sector experience and innovative solutions make our energy smart cloud the most relevant, popular, and reliable technology powering the market. It provides the complete software platform for energy customer, market and asset management in North America, United Kingdom and Japan.

**Responsibilities:**

* Worked on **Agile** **Environment** having daily stand-up meetings, pre-planning and planning meeting and also face-to-face communication, leading scrum teams
* Conducting retrospective meetings to faster a culture of continuous improvement. By reflecting on what went well and what could be improved, teams can identify actionable items to enhance their processes.
* Used advanced **Java 8 features** like Lambda expressions for array operations, collections.
* Develop application design code and reusable frameworks utilizing a thorough understanding of **Java, J2EE technologies, spring, Restful Web Services, JDBC, Spring JDBC.**
* Developed REST Services using spring and Jersey based **JAX-RS implementation.**
* Implemented Microservices architecture using Spring Boot for making application smaller and independent.
* Developed **Restful** web service (**JAX-RS)** to give the service to the end users.
* Used Spring MVC components to implement business layer and Spring Boot for **Micro-services.**
* Performed configuration, deployment and support of cloud services including Amazon Web Services (AWS).
* Used **Angular** as frontend technology to design UI pages.
* Used **Oracle** as database and Involved in the development of PL/SQL backend implementation and using SQL created Select, Update and Delete statements.
* Used **MAVEN** as build-tool for building J2EE applications.
* Used **Log4j** Logger and Debugger to capture the log that includes runtime exceptions.
* Involved in working, updating and closing the tasks created in GIT.
* Used Eclipse IDE for coding, developing applications and deployed to local Tomcat Application Server Oracle Coherence caching system in clustered distributed schema.
* **Used JIRA** tool for project management used in the application to tack bugs, issues and project management functions.

**Environment:** Java 8, Spring, Spring Boot, Microservices, Spring JDBC, Rest API, Maven, Log4j, GIT, Eclipse IDE, JAX-RS, AWS, Angular, Apache Tomcat Server, Jenkins, Oracle, Jira, Agile, Windows.

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| 3. | Project Name: Tuscany([www.foxtuscany.com](http://www.foxtuscany.com))  |
| Client | 20th Century Fox International Film Corporation (Disney) |
| Role | Software Programmer |
| Organization | PB Systems India Pvt Ltd |
| Duration | **Mar 2010 – Dec 2013** |
| Team Size | 45 |
| Environment(with skill versions) | Java, Struts, Spring, OracleO/S : Windows 10 |

**Description:**

Our Client uses this application to distribute its movies and serial episodic podcasts to the Television distributors (TV Channels) all across the world. We manage customers, contracts, license issuing,

billings and payments, reporting etc., from our side.

**Responsibilities:**

* Followed techniques and principles provided by test driven design (TDD) paradigm for developing quality code.
* Developed application using spring concepts - DI/IOC, Batch implementation and Spring MVC. Used spring framework and interacted with back-end database using Hibernate framework
* Developed Hibernate mapping configuration files to provide the relation between Java objects and database tables.
* Implemented the service layer using Spring with transaction and logging interceptors.
* Implemented **Multithreading, Concurrency, Exception Handling and Collections** whenever necessary.
* Developed a code for Web services using **JSON, SOAP**.
* Used **JMS API** for communication between the components.
* Used **Log4J** for extensible logging, debugging and error tracing.
* Used **Jenkins** to load JAR files from Database required for running the application.
* Used **Maven** to build and package the application.
* Used **GIT** for software configuration management and version control.

**Environment:** Java 7, Spring, Hibernate, Spring (IOC, DI, Batch), JAXB, Maven, Jenkins, GIT, Windows.

**I vouch for the Authenticity of above Facts.**

**Date: (Signature)**

**Place: Deepthi Pathikadapa**