**Abhishek Kumar Thakur**



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**Career Objective:**

Seeking a position to utilize my skills and abilities in the IT Industry that offers professional growth while being resourceful, innovative and flexible.

**Summary:**

* **Masters in Computer Application with 62% marks.**
* **Sun Certified Java Programmer** **with 83% marks.**
* **PRINCE2 Practitioner certified with 75% marks.**
* **TOGAF 9 certified with 84% marks.**
* **AWS Developer Associate Certified with 80% marks.**
* Good knowledge of Java/J2EE technologies.
* Good knowledge of Spring Boot, Hibernate, Spring Data JPA.
* Good knowledge of RESTful Web Services.
* Good knowledge of Kafka and RabbitMQ.
* Good knowledge of AWS Cloud.
* Good knowledge of Docker, Docker Compose and Kubernetes.
* Good knowledge of Design Patterns and SOLID Principles.
* Good communication skill, good listener and motivator.
* Ability to work with a team of dedicated professionals for achieving deadlines for execution of projects.

**Software Skills:**

**Languages**: Core Java 11, Data Structure.

**Back-end Technology:** JSP, Servlet, Hibernate, JPA, OAuth2.

**Framework:** Spring, Spring Boot, Spring Cloud, Spring Data JPA.

**Front-end Technology:** Angular, jQuery, JavaScript, HTML and CSS.

**Messaging Technology:** Kafka, ActiveMQ, RabbitMQ.

**Webservices:** RESTFul, SOAP.

**Cloud Technology:** AWS (IAM, EC2, S3, RDS, ECS, API Gateway and Beanstalk).

**Testing Technology:** Junit & Mockito.

**DevOps Tools:** Git, Jenkins, Docker, Docker Compose and Kubernetes, SonarQube.

**Design Methodology:** Core, J2EE and Microservice Pattern and SOLID Principles, UML.

**Tools:** Eclipse, STS, IntelliJ Idea, SQL Developer, SoapUI, Postman.

**Application & Web Server:** Tomcat, Jetty and WebSphere.

**Operating System:** Windows, Linux.

**Database Technology:** Oracle, MySQL, PostgreSQL, Cassandra and Mongo DB.

**Cache Technology:** Oracle Coherence and Redis.

**Work Experience (12 Years and 3 Months)**

**1. Mindtree. Ltd, Bangalore**: As Technical Architect

(From 03rd July 2017 to till now)

**2. C1 India Pvt. Ltd, Gurgaon, Haryana**: As Technical Lead

(From 12th July 10 to 22th June 17)

**2. Webcommerce India Pvt. Ltd,** **Noida**: As Software Engineer

(From 1st Nov 07-to-18th Aug 08)

**Development Experience(12 Years and 3 Months)**

**Projects Undertaken in Mindtree;**

**# Project Name : MCAT Accommodation Online (MAO)**

**Team Size :**8 **J2EE Tech :** Core Java 11.

**Framework :** Spring**,** Spring Boot, Spring Cloud and Spring Data JPA, Kafka.

**Database :** PostgreSQL

**Cloud :** AWS **(**EC2, S3, IAM, RDS, ECS, Lambda, CloudWatch**)**

**DevOps :** Docker, Docker Compose, Kubernetes, Jenkins, JIRA, Bitbucket

**Testing/Build Tool :** Junit, Mockito.

**Role :** Technical Lead & Individual Contributor.

**Project Summary :** MAO is an external (applicant-facing) application that allows an applicant (student) to submit a request for accommodation (e.g., break, extra time, medication, a reader) during the MCAT examination. An applicant uses MAO to request

accommodations and upload documentation in support of his/her request. An applicant has only one initial application per lifetime. Any subsequent application such as an Appeal, Reconsideration or Extension are submitted manually. MAO is also used by External

Reviewers to read an applicant’s request for accommodation, review any attached documents and upload and opinion letter.

* Attending Internal and Client Scrum meeting.
* Having requirement discussion with internal team as well as client business team and technical manager.
* Handling and guiding team member to ensure the timely delivery of sprint story.
* Implementation of Rest API for MAO microservices.
* Implementation of producer and consumer using Spring Kafka.
* Defect fixing.
* Docker image creation and running using Docker Compose.
* Fixing Snyk reported issues.
* Testing and releasing it to QA.
* Ensuring the 80% plus code coverage along with passing quality gate of SonarQube.
* Code review and Code merge on Bitbucket.

**# Project Name : InterConnect**

**Team Size :5  
J2EE Tech :** Core Java and Concurrency API

**Framework :** Spring Boot, Spring Cloud, Spring Batch and Spring Data JPA.

**Database :** PostgreSQL

**Cloud :** AWS **(**EC2, S3, IAM, RDS, ECS CloudWatch**)**

**DevOps :** Docker, Docker Compose.

**Testing/Build Tool :** Junit, Mockito.

**Role :** Technical Lead & Individual Contributor.

**Project Summary :** InterConnect is a product that provides CIBIL score and appropriate decision for individual consumer and business. It connects to many data sources like Acro, Experion, TransUnion etc as per global configuration in application. It helps business to know the risks in advance and take the appropriate decisions in day-to-day business. It was migrated from in premise datacenter to AWS Cloud.

**Responsibilities**:

* Attending Internal and Client Scrum meeting.
* Having requirement discussion with internal team as well as client business team and technical manager.
* Implementation of excel upload and CID Verifier microservice.
* Implementation of Online Audit Batch Framework using Spring Batch.
* Implementation of assigned stories and defect fixing.
* Docker image creation and running using Docker Compose.
* Scanning code by HPE Fortify and fixing reported issues.
* Handling and guiding team member to ensure the timely delivery of sprint story.
* Ensuring the 80% plus code coverage along with passing quality gate of SonarQube.
* Code review and Code merge on Git Hub.

**# Project Name : UGI Profile Service**

**Team Size :6  
J2EE Tech :** Core Java

**Framework :** Spring Boot and Spring Cloud

**Database :** Cassandra

**DevOps :** Docker, Docker Compose and Kubernetes

**Testing/Build Tool :** Junit, Mockito, Powermock.

**Role :** Technical Lead & Individual Contributor.

**Project Summary :** Profile service project has been developed for migrating Marriott’s customer profile from Mainframe to Cassandra DB as well as refactoring of existing services. This includes many microservices such as Profile Service, Profile Search, Profile Match, Profile Payment Method, Relationship Service, Event Processor service and Attribute service.

**Responsibilities**:

* Attending Internal and Client Scrum meeting.
* Having requirement discussion with team after getting from client.
* Handling and guiding team member to ensure the timely delivery of sprint story.
* Preparation of Low-Level Design.
* Development of microservices.
* Docker image creation and running using Docker Compose.
* Ensuring the 85% plus code coverage along with passing quality gate of SonarQube.
* Code review and Code merge on Git Hub.

**# Project Name : DC Cache**

**Team Size :5 6   
J2EE Tech :** Java 8, Confluent Kafka, Apache Avro.

**Framework :** Spring Boot and Spring

**Database :** Oracle Coherence Cache

**Testing/Build Tool :** Junit, Mockito, Powermock Maven.

**Role :** Technical Lead & Individual Contributor.

**Project Summary :** The DC Cache project has been developed for caching car rental price for duration of the month and for different seasons. Car rental price is published by some agency partnered with ABG to ABG car service portal.

After receiving the price change event, car service portal publishes new price on messaging server. DC cache application consumes this price change and update the cache with new price for mentioned duration. In this way, it improves the car booking service.

**Responsibilities**:

* Attending Internal and Client Scrum meeting.
* Having requirement discussion with team after getting from architect through client.
* Handling and guiding team member to ensure the timely delivery of sprint story.
* Development of LLD.
* Implementing services for DC Cache.
* Ensuring the 80% plus code coverage along with fixing of SonarQube issue.
* Testing the service on AWS EC2 Instance Server.
* Code review.

**# Project Name : Templar and Customer Portal**

**Team Size :22 6   
J2EE Tech :** Java 8, Kafka

**Framework :** Spring Boot 2, Spring

**Database :** Oracle

**Testing/Build Tool :** Junit, Mockito, Powermock, Maven.

**Role :** Individual Contributor.

**Project Summary :** Tower Hill Insurance provides insurance for home. Templar project basically deals with billing, stats and commission. It interacts with different other systems to perform the billing related tasks. The other different systems are RPM, DRC, Doc Director and CMS.

Customer Portal project is customer interfacing project. It provides policy holders to all features such as register Policy, add new policy and remove policy. Make payment for policy, make claim for any damages.

**Responsibilities**:

* Implementing Single Sign On (SSO) Integration using Spring Security, SAML, OpenAM (Forgerock) for Templar.
* Implementing OAuth2 Spring security for Customer Portal to authenticate external user based on Token.
* Implementing batch related integration using Spring Batch.
* Implementing integration of billing with RPM using Kafka.
* Implementing integration of billing with DRC using IBM MQ.
* Implementing integration of billing with Doc Director using ActiveMQ.
* Implementing Moratorium Module.
* Fixing Code review and QA defects.
* Mentored the team with respect to batch, Kafka, IBM MQ and ActiveMQ Integration.

**Projects Undertaken in C1 India:**

**# Project Name : eAuction**

**Team Size :**8 **J2EE Tech :** Core Java, Reflection, JSP

**Framework :** JPA, Spring (Core, AOP, MVC, Web Flow and Security), Spring Boot

**Database :** PostgreSQL 9.

**Web Tech :** AngularJS, jQuery, AJAX,JavaScript, HTML, CSS, JSON

**Testing/Build Tool :** Junit, Mockito, Maven.

**Role :** Developer.

**Project Summary :** The **eAuction** is being developed as a subsidiary of eProcurement Suite Application. This application will automate the various types of auction like Forward Auction, Reverse Auction etc. Through this application any company can buy or sell his items as competitive price thus resulting of maximization of revenue.

**Responsibilities**:

* Having technical interaction with implementation team for understanding functional requirements for product as per client requirements.
* Demonstrate to my team members about new functional requirements and guide them for implementation.
* Development of POJO and Entity classes and DAO Implementation using JPA.
* Development of Spring MVC Controller classes and Aspects for logging and validation using AOP as well as declarative transaction management in Spring.
* Development of web flow of application using spring web flow framework.
* Development of MIS reports in PDF and excel format as per requirement.
* Development of JMS (Point to Point) producer to log every activity made by end users and exceptions occurred in DB asynchronously.
* Development of JSP Pages and validation in JavaScript.
* Development of dynamic form using java reflection.
* Development of controller using AngularJS.
* Development of services using jQuery with AngularJS.
* Development of function for converting POJO into JSON using json API.
* Application of proper design patterns (Singleton, Abstract Factory, Factory, Command, Strategy, Façade, Business Delegate, Data Transfer and DAO).

**# Project Name : Tender Management System   
Team Size :** 5. **J2EE Tech :** Core Java, JSP, Servlet, JMS, RESTFul, Jersy.

**Framework :** Spring (Core, AOP, MVC, Spring JDBC Template, Mail).

**Database :** SQL Server 2008.

**Web Tech :** HTML, CSS, JavaScript, AJAX, jQuery.

**Testing/Build Tool :** JUnit & Mockito, Maven.

**Role :** Team Lead

**Project Summary :** The **Tender Management System** is a product that automates the entire phase of tender activities from tender creation, bidding, and opening to tender award. For a particular client it is customized to suit its business process.

**Responsibilities**:

* Having technical interaction with client if required when I got any Change Request/Features Enhancement/Major bugs.
* Demonstrate to my team members about new change request/bugs.
* Keeping track of development by team members and ensure that every change request/bug are being developed as per requirement and apprise QC team for testing after completion of development.
* Development of features using Spring MVC at web layer, Spring Transaction Management at service layer and Spring JDBC Support at DAO layer.
* Development of MIS Reports generation in PDF/Excel.
* Development of services like Mail sender.
* Development of RESTFul services/client using Jersey.
* Development of log writing services using Spring AOP, Spring JMS support classes to log every activity made by end users and exceptions occurred in Application asynchronously.
* Development of JSP Pages and validation in JavaScript.
* Testing functionalities using Junit and Mockito.
* Application of proper design patterns (Singleton, Abstract Factory, Factory, Façade, Decorator, Business Delegate, Data Transfer, Service Locator and DAO).

**# Project Name : Kisan Knowledge Management System   
Team Size :** 3. **J2EE Tech :** Core Java, JSP, Servlet, JMS, SOAP, RESTFul, Axis2, Jersy.

**Framework :** Hibernate, Spring (Core, AOP, MVC, Quartz, Mail).

**Database :** Oracle 10g.

**Web Tech :** HTML, CSS, JavaScript, AJAX, jQuery.

**Testing/Build Tool :** JUnit & Mockito, Maven.

**Role :** Developer.

**Project Summary :** The **Kisan Knowledge Management System (KKMS)** has been developed for Ministry of Agriculture. The Kisan Call Center of Ministry of Agriculture manages its operation through this application. This application provides the call center agent to punch calls made by farmers and reply of their queries. It has many modules (Admin, Level2, Level3, Level4, KVK, SAU, MIS, CSC and KCC) in which MIS is very useful module because it provides several reports that are sent to Ministry of Agriculture for monitoring of progress of Kisan Call Center. KKMS has been integrated to four Portals using different web services technologies to provide different types of services to farmers.

**Responsibilities**:

* Having technical interaction with client to get Change Requests/Features Enhancement/Major bugs.
* Demonstrate to my team members about new change request/bugs.
* Keeping track of development done by team members and ensure that every change requests/bug are being developed as per requirement, proper testing and updating changes files and DB Script on Live Application and Database server and demonstrate to client.
* Development of POJO classes, DAO Implementation using Hibernate.
* Development of Spring MVC Controller classes and Aspects for logging and validation using AOP as well as declarative transaction management in Spring.
* Development of MIS reports in PDF and excel format as per requirement.
* Development of job schedulers using Quartz framework.
* Development of Mail Sender classes.
* Development of SMS sender classes to send SMS to farmers.
* Development of Web Services (SOAP) producer and consumer using Axis2.
* Development of Web Services (RESTFul) producer and consumer using Jersy.
* Development of marshaller and unmarshaller classes using JAXB.
* Development of JMS (Point to Point) producer to log every activity made by end users and exceptions occurred in DB asynchronously.
* Development of JSP Pages and validation in JavaScript.
* Testing functionalities using JUnit and Web Services using SoapUI.
* Application of proper design patterns (Singleton, Abstract Factory, Factory, Façade, Decorator, Business Delegate, Data Transfer, Service Locator and DAO).

**# Project Name : Contract Management System**

**Team Size :**1 **J2EE Tech :** Core Java, JSP, Servlet, JMS, JAXB.

**Framework :** Hibernate, Spring (Core, AOP, MVC).

**Database :** SQL Server 2005.

**Web Tech :** HTML, CSS, JavaScript, AJAX, jQuery.

**Testing/Build Tool :** JUnit & Mockito, Maven.

**Role :** Developer.

**Project Summary :** The **Contract Management System** has been developed as a subsidiary of Tender Management System. This application automates the monitoring of work progress of Contractor after tender award. Through this application tender department and contractor communicate with each other regarding work progress and raise bill to the department.

**Responsibilities**:

* Development of POJO classes, DAO Implementation using Hibernate.
* Development of Spring MVC Controller classes and Aspects for logging and validation using AOP as well as declarative transaction management in Spring.
* Development of MIS reports in PDF and excel format as per requirement.
* Development of Marshaller and Unmarshaller classes using JAXB.
* Development of JMS (Point to Point) producer to log every activity made by end users and exceptions occurred in DB asynchronously.
* Development of JSP Pages and validation in JavaScript.
* Application of proper design patterns (Singleton, Abstract Factory, Factory, Façade, Business Delegate, Data Transfer and DAO).

**Projects Undertaken in Webcommerce India:**

**# Project Name** : **TradePalette Declarations (www.tradestylus.com.au)**

**Team Size :** 8 **Technology :** Core Java, JSP, Hibernate, Struts, Spring, SQL.

**Role :** Developer.

**Project Summary:** TradePalette Declarations is an advanced online solution for businesses that trade nationally, internationally and globally. It performs electronic trade declaration - creates and submits import/export documentation to regulatory and controlling agencies, i.e. the Australian Quarantine and Inspection Service (AQIS). It enables exporters or their agents to lodge export declarations to Australian Customs Services (ACS) and receive export declaration number (EDN) where it can be quoted to consolidators or carriers. It also enables users to query the status of their other Customs Authority Number. It also automates freight documentation, provides transport schedules and cargo space booking facility with participating carriers.

**Responsibilities**:

* Development of POJO classes, DAO implementation classes and hibernate mapping files.
* Declarative transaction management, as well as bean configuration in IoC container.
* Development of Struts action classes and tiles.
* Development of JSP pages as per requirement.

**Qualification**

**Certification:**

* Sun Certified Java Programmer (**SCJP)**.
* PRINCE2 Practitioner certified.
* TOGAF 9 certified.
* AWS Certified Developer Associate

**Professional Degree:**

MCA (Master in Computer Application).

**Personal Details**

Name : Abhishek Kumar Thakur

Father’s Name : Shri Tripit Narayan Thakur

Date of birth : 06-Feb-1979.

Martial Status : Married.

Nationality : Indian.

Passport : I have valid passport valid till 27 Sep 2027.

Language Known : English, Hindi.

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