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| **RESUME**  **NARENDRA KUMAR AGRAWAL**  **Email:** [**narendrabtechcse@gmail.com**](mailto:narendrabtechcse@gmail.com)  **Mobile: 9632741928 / 7899363206** | use in cv scjp |

**Objective:** To be an asset to an organization wherever I work, work with dedication and responsibility for the progress of the organization**.**

**Summary:**

* 10+ years of experience in Analysis, Development, Implementation and testing of Java/J2EE applications.
* Expertise through all parts on complete software development life cycle (SDLC) with software development models like JAVA, J2EE, JavaScript , Spring Boot , Microservices ,Web services and ORM.
* Extensive experience using Core Java (Multithreading, concurrency, Collections, File Handling), Servlets, JSP, JDBC, XML, spring, Hibernate, Oracle and SQL Server, Apache Tomcat as web server used in various projects.
* Extensive knowledge of OOPS, OOAD, UML concepts (Use Cases, Class Diagrams, Sequence Diagrams, Deployment Diagrams etc.) Very strong knowledge of REST Web services.
* Exposure to Extended Markup Language (XML) and java XML parsers such as JAXB.
* Expert understanding of Test Driven Development (TDD) Environment and experience in agile software development, Design Patterns.
* Proficient in persistence framework like Hibernate ORM.
* Proficient in different Spring Modules like Spring IOC, MVC.
* Experience in maven, Log4J and Junit, TestNG for unit testing.
* Have good experience and knowledge in Telecom, Financial domain and Automation.
* Excellent understanding of Software Development Life Cycle for existing and on-going projects.
* Strengths in multitasking, problem solving and timely resolution of issues in meeting deadlines and budgets, enthusiasm to learn new technologies.
* Strong communication skills and excellent customer relations in collecting, and analysing user requirements.
* Ability to work in diverse platforms and industry environments.
* Excellent problem solving skills in Data Structures , Algorithms and designing.

**Educational Qualification:**

Bachelor of Technology (Computer Science & Engineering) from Shri Mata Vaishno Devi University in 2010 with 71%.

**Work Experience:**

**Software Engineer**

**IBM GTS Labs– Bangalore**

**2nd Feb, 2017 to Present**

**Description**: IBM GTS Labs is a Product R&D division of IBM GTS . I am working here as Software Engineer.

We work here on cognitive automation solutions.

**Projects:**

**CogSol :** It is a automation project where we are automating the TSM (Technical Solution Manager) Job. In which we read the requirement from client ‘s document and provide the efficient solution with costing , which reduces the human effort and time. It produces quick solution document which we can propose to client for bidding and get ahead in the bidding competition.

**Responsibilities**:

* Analysing the business requirement and do a Pre-study for it.
* Used core Java, Collections API, threads, generics, and RestAPI , NodeJS , Spring Boot , Microservices ,Junit and Json testing frameworks .
* Analysing and understanding the requirements, building functional documents, planning and estimating tasks and implementation of the tasks on time.
* Successful implementation of many user stories.
* Built mock classes using Power Mock framework and unit testing using JUnit.
* Used apache maven to build automation tool to build the java project and its dependencies.
* Wrote test cases using JUnit for several pieces of code to check the functionality.
* Successful deployment achieved by configuring on Jenkins.
* Design, development, testing and maintenance of the application.
* Strong communications and interactions with other teams and team members such as QA, Business and the Technical Architect of the team.
* Following Dev ops methodology and sprint meetings to track, optimize and resolve impediments to meet deadlines on time.
* Design and development of new enhancements in product, starting from high level design, architectural review, development and unit testing.

**Technologies& Tools**:  
Java 1.7 , Web Services-REST , Node JS (9.8.0) , Spring Boot , HTML5 , Apache Web Crawler (Apache Nutch) , Watson content services (wcs) , Cloudant database(NoSQL Database like couchbase) , JSON , Apache Maven , Gradle Build tool, Junit , Eclipse , Git for version control and issue tracking , Basic uses of kubernates and docker , Devops , HTML , CSS3 , BootStrap , AngularJS , Apache Tomcat as Web Application server.

**R&D Engineer**

**Nokia Networks– Bangalore**

**April, 2014 to Feb 1st 2017**

**Description**: Nokia Networks (formerly Nokia Solutions and Networks (NSN) and Nokia Siemens Networks (NSN)) is a multinational data networking and telecommunications Equipment Company headquartered in Espoo, Finland, and wholly owned subsidiary of Nokia Corporation. Nokia Products help operators manage complexity, evolve and modernize their networks for scale, speed and efficiency and ensure network and service quality. Its Products ensure that all solutions work together seamlessly, offering excellent customer experience and supporting new business models.

**Projects:**

**Fault-Management-NetAct Module**: In network management, fault management is the set of functions that detect, isolate, and correct malfunctions in a telecommunications network, compensate for environmental changes, and include maintaining and examining error logs, accepting and acting on error detection notifications, tracing and identifying faults, carrying out sequences of diagnostics tests, correcting faults, reporting error conditions, and localizing and tracing faults by examining and manipulating database information.

**Responsibilities**:

* Analysing the business requirement and do a Pre-study for it.
* Used core Java, Collections API, threads, generics, and Hibernate.
* Analysing and understanding the requirements, building functional documents, planning and estimating tasks and implementation of the tasks on time.
* Successful implementation of many user stories.
* Built mock classes using Power Mock framework and unit testing using JUnit.
* Followed the Data Access Object (DAO) design pattern for the introduction of an abstraction layer between the business logic tier (Business object) and the persistent storage tier (data source)
* Used apache maven to build automation tool to build the java project and its dependencies.
* Wrote test cases using JUnit for several pieces of code to check the functionality.
* Successful deployment achieved by configuring the service on Web Sphere.
* Design, development, testing and maintenance of the application.
* Strong communications and interactions with other teams and team members such as QA, Business and the Technical Architect of the team.
* Following Agile methodology and sprint meetings to track, optimize and resolve impediments to meet deadlines on time.
* Design and development of new enhancements in product, starting from high level design, architectural review, development and unit testing. Handling the customer Prontos, analysing and fixing them.

**Technologies& Tools**:  
Java, J2EE, Web Services-SOAP, Apache Maven, Oracle, JDBC, Subversion, Apache tomcat as web application server, IBM Websphere for Spark controller , Spring 4.2.6, XSLT, xml, xsd , JUnit, TestNG , Robots , Eclipse, Jira, Unix , Swing .

**System Analyst**

**Subex Limited – Bangalore**

**April, 2012 to April, 2014**

**Description**: Subex Limited is a global provider of Business Support Systems (BSS) for Communications Service Providers. The company pioneered an integrated approach to the monitoring, measurement and control of a communications service provider's revenues through an end-to-end infrastructure which it calls the Revenue Operations Centre.

**Projects:**

**Revenue Assurance and Spark Application:** Spark is internal framework for all other telecom based product in Subex. It provides all common features required by these products, such as File Collection, Parsing, Data load, Long duration call stitching, Rating, Case Management, Auditing, Reporting etc. ROC RAis a product used as a revenue assurance product by telecom operators to maximize revenue and identify revenue leakages.

**Responsibilities**:

* Development of modules and bug fixing in application.
* Mentoring juniors and helping them understanding the functional and technical aspects of the application.
* Used Data Access Object (DAO) pattern to introduce an abstraction layer between the business logic tier (Business object) and the persistent storage tier (data source).
* Wrote JUnit test cases for Business logic& performed unit testing before sending it to User Acceptance testing (UAT)
* Interaction with client to provide build for the application.
* Involved in Documentation related to functional requirement.
* Understand the requirement and do PoC’s on requirement.
* Giving a knowledge Transfer Sessions to other Teams.
* Co-ordinate day to day activity to ensure quality and timely deliverable.
* Involved in technical and functional activities.

**Technologies**:   
Java, J2EE, Web Services-(SOAP), GWT, Apache Maven, JUnit, MS SQL Server, Subversion, Hibernate, Apache Tomcat.

**Software Engineer**

**Antenna Software – Bangalore (Now part of Pega System)**

**Sep, 2010 to Oct, 2011**

**Description**: Antenna Software is a business mobility solutions provider with headquarters in Jersey City, New Jersey Founded in 1998, the company was acquired by Pegasystems in 2013.Antenna’s core product was the Antenna Mobility Platform, which won the GSMA Global Mobile Award for Best Mobile Enterprise Solution at Mobile World Congress 2011 in Barcelona.

**Projects:**

**Dell Shopping Application (For Android and I Phone) (2010-2011):** This project is about shopping of the Dell Different Products like Laptops, Desktops and other Peripherals devices. In this everything about the Shopping is included with Products details, Support, Placing an order and Tracking the order.

**Responsibilities**:

* Used MobiStudio (Antenna’s mobility solution framework), core Java, Collections API, generics, and JDBC with Android.
* Analysing and understanding the requirements, building functional documents, planning and estimating tasks and implementation of the tasks on time.
* UI development and taking the data from Backend and displaying on Android device.
* Support during the implementation into production.

**Pac life Insurance Application for Android Phones: (Sept 2010 to Dec 2010):** This project was about developing the insurance products, annuities, and mutual funds related things in the app and showing respecting branches with the representatives and other information on Android.

**Responsibilities**:

* Used MobiStudio (Antenna’s mobility solution framework), core Java, Collections API, generics, and JDBC with Android.
* Analysing and understanding the requirements, building functional documents, planning and estimating tasks and implementation of the tasks on time.
* UI development and taking the data from Backend and displaying on Android device.

**COLLEGE PROJECTS:**

**Project on “Prisoner Management” in JAVA as given by IBM Bangalore in the TGMC-2008:** This project was about the centralization of the database of all the criminals and all the prisons in the country/world, so this project includes the Web and Desktop Application, used Eclipse as development tool, Web sphere as web server and DB2 as the database for this project.

**KBC (Kaun Banega Crorepati) Game in JAVA (2009-2010):** This was a game like KBC which we can run on our local PC, in this we were having a question of database from which we were selecting some questions randomly and the rest was just like the KBC game. Used Net beans as the development tool for this and MySQL as the database.

**Technical Skills:**

* Programming Languages: Java, SQL
* Web Technologies: Servlets, JSP, JDBC, Spring, jUnit, TestNG.
* IDE: Eclipse 3.2/3.3, NetBeans
* ORM: Hibernate 3.0
* Design Pattern: MVC, DAO, DTO, Singleton, Factory, Abstract Factory, Builder, Strategic, Prototype, Template.
* Application Servers: Web Sphere, Apache Tomcat
* Web Services: SOAP , REST
* Tools: Maven, JUnit 3.8/4.0, Subversion (SVN), Jira.
* Databases: Oracle10g, SQL.
* Platforms: UNIX/ Linux (Basics), Windows XP/7/8.
* Other Computer Science Interested Subjects: Data Structures, Operating Systems, Software Engineering, Computer Networks, Algorithms Design.

**Internships and Training:**

* Have done Sun Certified Java Programmer (SCJP).
* Coursera Online Course from Stanford University by Tim Roughgarden: - Completed Algorithms Design and Advanced Algorithm design course with A+ Grade.
* Have gone through training on Clean Code by Uncle Bob.
* Have done Red hat Certified Engineering Course (RHCE) of 19 days during summers 2007 in college campus.
* Have done Cisco Certified Network Associate (CCNA) Course from Network Nuts Delhi.
* Underwent Summer Training in DUCC SYSTEMS (Delhi) during summer 2009(after 3rd year) for 1 Month.

**Extracurricular Activities:**

* Student Ambassador of IBM in my campus, encouraging students to participate and helping them regarding TGMC (The Great Mind Challenge) contest.
* Campus Ambassador Freshersworld.com, managing my college community in freshersworld.com and organizing many events in the collaboration with fresher world.
* Was placement coordinator for my college.
* 1st Position in Inter School Debate Competition.
* 3rd Position in Inter School Speech Competition.
* 2nd prize in March-past event in Resurgence’09.
* 3rd prize in Skit Competition held in Resurgence’09.
* Member of Organizing Committee Resurgence’09 Held in our college.
* Qualified In Certificate Course On Science Of Yoga.
* Organized Workshop on tools used in TGMC-09 with the IBM.

**Personal Details:**

* Father’s Name- Mr. Raj Kumar Agrawal
* Mother’s Name- Smt. Suman Lata Agrawal
* Gender- Male
* Date of Birth- 24th May 1986
* Passport Number- H2409965
* Marital Status- Married
* Languages Known- English, Hindi