Rahul Rao

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**10+ years** of experience in Enterprise - level implementation of the Software Development Life-Cycle (SDLC), including Architecture, Functional and Technical design, Development, Implementation and Support using **Java/J2ee** platform.

* Extensive experience in developing Microservices using **Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix**) and followed domain driven design.
* Experience in various open source frameworks like **Spring MVC**, **Struts**, and ORM Technology like **Hibernate**.
* Experience in various cloud services like **EC2**, **API Gateway**, **Serverless-Lambda**, **Cognito** , **Document DB**, **Neptune DB** etc.
* Hands on experience in **Docker**, **Kubernetes (EKS)**, **SonarQube**, **Jenkins** and some other dev-ops tools.
* Expertise working with standard JAVA Design Patterns (**Singleton**, **Builder,** **Front Controller**, **DAO**, **DTO**, **MVC, Prototype, Factory** and **Business Delegate**).
* Hands on experience in front-end technology with **Angular,** **Java Script**, **HTML** and **CSS**.
* Experience in **core Java-Multithreading, collections and JDBC**.
* Strong experience in Object Oriented Programming (**OOP**), Object Oriented Analysis and Design (**OOAD**).
* Strong work experience on databases like **SQL server, PostgreSQL and Oracle11g.**
* Experience in **NoSQL** language like **MongoDB**.
* Experience with Application/Web servers like **WebSphere**, **Tomcat** and **Jetty**.
* Good experience in developing **REST and SOAP Web Services**.
* Good knowledge in **messaging platform**. Hands on experience in **JMS,** **RabbitMQ**,**Kafka.**
* Experience in implementation of the version control software **GIT**, **CVS**, **SVN** and **Clear Case**.
* Experience in implementing **CI/CD pipeline**.
* Good experience with build and deployment tools including **Gradle** / **Maven**, **logging** and **Debugging** using**Slf4** and **Log4j**, unit and integration testing using **JUnit**.
* Experience with **Use-Case** design, **Class**and**Sequence** diagrams using **UML**.
* Experience in defect tracing tools like **JIRA/ALM**.
* Experience in testing tools like **POSTMAN, SOAP-UI.**
* Proven background for leading teams in stressful, deadline-oriented environments.
* Excellent communication, interpersonal and presentation skills. Self-starter, customer focused.

**TECHNICAL SKILLS:**

**Programming Languages/Frame works:**  Java (J2EE, JSP, Servlets, Log4j), XML, DOM, SAX, HTML, Ajax, JavaScript, Angular, JQuery, XSLT, Web Services (SOAP, WSDL, REST API), STRUTS, Spring Framework, Spring Boot, Spring Cloud, Netflix OSS components(Eureka, Zuul, Hystrix), Rabbit MQ, JMS, Kafka, Swagger, JSON, and Hibernate.

**Database / Application design: MongoDB, Graph DB,** Oracle, PostgreSQL, SQL server, My SQL, No SQL, OOP, OOAD and Design Patterns

**Enterprise Software:** IBM Web sphere and Apache Tomcat, Eclipse, IntelliJ, Clear Case, CVS, GIT, SOAP-UI, POSTMAN.

**Operating Systems:** Linux, Windows & Mac OS

## EMPLOYMENT RECORD

* Currently working in Citiustech Healthcare Pvt Ltd .(Aug 2019 to till) .
* Working as a Tech Lead in WIPRO from June 2016 to Aug 2019.( Over two-year client interaction experience in LBG, London.
* Worked as a Senior Software Engineer in WIPRO, Bangalore from Dec-2014 to June 2016.
* Worked as a Software Engineer in OnMobile Global Limited, Bangalore from Apr-2011 to Dec-2014.
* Worked as a software Engineer in Prokosha Systems Ltd, Bangalore from Nov 2009 to 2011.

PROFESSIONAL EXPERIENCE

**CitiusTech Health Care Pvt Limited**

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| **Project Name**: PID Platform | **Client**: Danaher Digital | **Domain**: IOT |

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| **Technology** | Java 8, **Spring Boot,Microservices,Netflix OSS (Zuul, Eureka, Ribbon, Hystrix**), Junit, BDD, AWS Cloud(Document DB, Neptune DB, AWSAPI Gateway, Lambda, EC2,Cognito  , Jenkins, Sonar, Docker, Kubernetes( EKS), API, Kafka |
| **Tools** | IntelliJ, POSTMAN |
| **Team Size** | 4 |
| **Description** | : Functionality of this project is to collect streaming data from IOT devices for different OpCo.. PID platform provides the end points to access the PID data. All the APIs are secured by JWT token authentication and authorization.  Designed class diagram, sequence diagram and system diagram.   * Responsible for deciding technology stack, database schema designing, coding in java. * Writing Junit. * Fixing bug. * Involved in leading team * Involved in refining the epic/stories/task. * Designing APIs using APICurio tools |

**Wipro Technology**

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| **Project Name**: Pao-Savings | **Client**: Lloyds Bank Plc | **Domain**: Banking |

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| **Technology** | Java 8, **Spring Boot,Microservices,Netflix OSS (Zuul, Eureka, Ribbon, Hystrix**), Junit, BDD, Oracle 11g  , Hibernate, Angular, HTML, Java Script, Jenkins, Sonar, Docker. |
| **Tools** | IntelliJ, POSTMAN |
| **Team Size** | 3 |
| **Description** | : There are two module in this project. Pao-Saving-UI module provides the interface for saving account customer. Pao-Saving-API module provides the interface between front-end and all other third-party hosts. The main functionality of this module is to get the request from and front-end and give response back.   * Designed class diagram, sequence diagram and system diagram. * Responsible for deciding technology stack, database schema designing, coding in java. * Writing Junit and BDD. * Fixing bug. * Involved in leading team * Involved in refining the epic/stories/task. |

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| **Project Name**: Salsa Services | **Client**: Lloyds Bank Plc | **Domain**: Banking |

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| **Technology** | Java 8, **Spring Boot,Microservices, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix**), Junit, BDD, Oracle 11g,  Hibernate, RabbitMQ |
| **Tools** | IntelliJ, Jenkins, Sonar, Docker, SOAP-UI. |
| **Team Size** | 3 |
| **Description** | : The objective of this project is to develop the web services for salsa platform. Salsa is platform which connect to host systems and middle-ware platform. The main functionality of salsa is send/receive the data from back end and other third parties then process according to business logic and send response to middle-ware platform. There are four main salsa services.  Offer service: offer service take the customer detail data from frontend and save to backend.  Activate Service: Activate service activate the account.  Eligibility service: Eligibility service check the eligibility of customer for particular product. Add a Party: Adding another person in existing account  **Contribution:**   * Responsible for low level designing and coding. * Provided technical guidance to team members. * Designed class diagram, sequence diagram and system diagram. * Responsible for deciding technology stack, database schema designing, coding in java. * Involved in leading team * Involved in refining the epic/stories/task.   . |

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| **Project Name**: IB-Auth | **Client**: Lloyds Bank Plc | **Domain**: Banking |

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| **Technology** | Java 6 , **Spring MVC, JSP ,** Junit, , Oracle 11g, DB2.  Hibernate. |
| **Tools** | Eclipse |
| **Team Size** | Multiple team. |
| **Description** | : The objective of this project is to provide the digital UI interface for bank users. User can open the saving, personal account etc and upload the IDs for verification on this portal. This project provides the UI where user can see their bank details like balance, transaction details etc.  **Contribution:**   * Responsible for coding and making change as per business requirement. * Writing Junit. * Fixing production bug. * Implemented GDPR for this project. |

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| **Project Name**: Cassini | **Client**: Apple Inc | **Domain**: Retail |

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| **Technology** | Java 8 ,Spring, Junit, RabbitMQ, MongoDB, Solace. |
| **Tools** | Eclipse, SVN, Radar, Jira, Jenkins, Infrared |
| **Team Size** | 4 |
| **Description** | :The objective of this project is to reduce the memory foot print and make the service calls real time. Modules Involved: EmailGatewayService - This module acts as a gate keeper Â validates and routes the request based on the email type. If the email data is invalid it will return the request back to the caller, otherwise, it will publish the request to the Rabbit MQ Queue. Cassini - This module will consume the messages submitted by the EmailGatewayService. It will convert the email requests into an xml by using velocity templates. The xml payload string will be submitted to the Rover. The Rover in turn will send the emails. The email types that are migrated are Electronic Software Download, Garage Band, Custom Store Security, Abandon Order, Abandon Report, Reservation Email etc.  **Contribution:**   * Involved in low level designing and coding. * Involved in writing unit test case using Junit and Mockito. * Involved in creating class diagram, sequence diagram and system diagram. * Involved in creating email template using VM template. * Involved in setting and creating messaging queue, messaging exchange ,binding using Rabbitmq messaging broker. |

**OnMobile Global Limited**

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| **Project Name**: Gatherer | **Client**: Airetl , Vodafone | **Domain: Telecom** |

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| **Technology** | Java 6, Spring MVC, Hibernate, PostgreSQL |
| **Tools** | Eclipse, CVS |
| **Team Size** | 2 |
| **Description** | It mainly involves in multi-threading, scheduling jobs. Every OnMobile Product like toneplayer, nms, amoeba logs some information like who is the callee, caller, duration to log files located at a particular place-‘eventLogs’. All logs from this location should come to a shared location-‘spider’ in zip format. Gatherer tool is used to maintain the log files and finally copy them to the spider location. These log files will be EXTRACTED, TRANSFORMED AND LOADED into the database.  **Contribution:**   * Parsing the log files, creating and updating index.xml files for them. * Depending on the quartz job cron settings running the jobs. |

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| **Project Name**: Subscription Manager ETL | **Client**: Airetl , Vodafone | **Domain: Telecom** |

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| **Technology** | Java 6, Spring, PostgreSQL, Greenplum |
| **Tools** | Eclipse, CVS |
| **Team Size** | 2 |
| **Description** | Subscription manager was involved in development of the workflow for fetching data from individual products and transforming it to fit operational needs which included several quality levels and loading it into the data warehouse GreenPlum. The consolidation of data is through different source systems and several dimension tables.  **Contribution:**   * Involved in re-design, coding and testing of Submanager-ETL. * Bug fixes and enhancements for VP-ETL * Developed common processor along with various customized processor which process file and dump data into database. |

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| **Project Name**: Content Sync | **Client**: Airetl , Vodafone | **Domain: Telecom** |

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| **Technology** | Java 6, Greenplum , PostgreSQL |
| **Tools** | Eclipse, CVS |
| **Team Size** | 1 |
| **Description** | Content Sync was involved in development of the workflow for downloading the files from URLs and transforming it to fit operational needs which included several quality levels and loading it into the data warehouse Greenplum. The consolidation of data is through different source systems and several dimension tables.  **Contribution:**   * Initiating the idea of content sync. * Involved in designing, coding and testing. * Bug fixing. |

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| **Project Name**: Mobile Number Portability | **Client**: Airetl , Vodafone | **Domain: Telecom** |

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| **Technology** | Java 6, Voldemort, MySQL |
| **Tools** | Eclipse, CVS |
| **Team Size** | 1 |
| **Description** | PrThe main function of this project is to provide MNP support to various product of onMobile. MNP get the information like msisdn, port in , port out all details from various operator like Airtel, Vodafone, Tata, Idea etc and put into Voldemort database. Voldemort store mnp info key(msisdn) and info(operator, circle).We provide URL through they can hit and get all msisdn information. We developed java api also for the same which they can use in their java program for getting mnp support.  **Contribution:**   * Involved in designing, coding and testing. * Bug Fixing. |

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| **Project Name**: Real Time Alert | **Client**: Airetl , Vodafone | **Domain: Telecom** |

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| **Domain** | Telecom |
| **Technology** | Java 6, HSQL, JAG API |
| **Tools** | Eclipse, CVS |
| **Team Size** | 1 |
| **Description** | Realtime Alert system provide the alert mechanism through email for business performance of the product. We used JAG API to calculate the performance of the product.  **Contribution:**   * Involved in designing, coding and testing. * Bug Fixing.   Name |

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| **Project Name**: Hubble | **Client**: Airetl, Vodafone | **Domain: Telecom** |

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| **Domain** | Telecom |
| **Technology** | QlikView, Postgres |
| **Tools** | QlikView, CVS |
| **Team Size** | 2 |
| **Description**  **Prokosha** | PHubble provide the GUI representation of various report.Using QlikView tools we developed KPI dashboard which show how the various product is performing and what is their revenue in graph and table. Through this project we removed the database dependency for generating the report.  **Contribution:**   * Involved in designing,coding and testing. * Bug Fixing. |

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| **Project Name**: CMS | **Client**: GMR | **Domain: Business** |

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| **Domain** | Business |
| **Technology** | Java, JSP, HTML, JavaScript, Ajax |
| **Tools** | Eclipse, CVS, Apache Tomcat server |
| **Team Size** | 1 |
| **Description** | The main purpose of this “Address Book Management System “is  to perform all the necessary tasks which are related to manage contacts and corporate communication by mail services with full ease and efficient way.  Name |

## EDUCAIONAL BACKGROUND

**2009** - **Bachelor of technology** in **Computer science and engineering** from Uttar Pradesh Technical University.

## PERSONAL PROFILE

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| **Date of Birth** | **:** | 23-08-1988 |
| **Gender** | **:** | Male |
| **Marital Status** | **:** | Married |
| **Nationality** | **:** | Indian |
| **Languages known** | **:** | English , Hindi |

## DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**(Rahul Rao)**