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| **Summary** |
| * **Total 11+ years of competitive experience in IT industry using JAVA Programming stack** * **Completed Post Graduate Program on Cloud Computing by Great Lakes university** * **Experience in developing applications using Spring, Spring Boot, Spring Data JPA, Spring Security, Dependency Injection, Spring for Apache Kafka, Microservices, Services Registration and Discovery, UNIX Shell Scripting, Oracle Metasolv and SQL.** * **Experience of AWS cloud technology and its managed server like EC2, Storage Classes, S3, SQS, SNS, ELB, Lambda and Step functions.** * **Dealing with monolithic applications and creating a roadmap for microservices.** * **Experience in implementing CI pipeline using GIT, Jenkins and SonarCube** * **Wide range of Experience in Telecom Inventory and Mediation platform** * Experience of working in Agile model of the Software development * Experience of working on all phase of Software development life cycle involving requirement analysis, System specification and Design documentation, development, testing and deployment on production environment. * Good work ethics with goodcommunication and interpersonal skills. * Capable to work into the new leading Technologies. * Ability to work well in both a team environment and individual environment. | |

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| **Technical Skills** |
| **Web Technologies** | Spring Web MVC, RESTFull Web services |
| **Framework** | Spring and Spring Boot |
| **Databases** | Microsoft SQL, Sybase and Oracle 11g |
| **Cloud Technology** | AWS (EC2, Storage Classes, S3, SQS, SNS, ELB, Lambda and Step functions) |
| **Web Servers** | Apache Tomcat, Oracle Weblogic |
| **Microservices Tools** | Zuul (Eureka (application gateway), Eureka (Service Registry and Discovering) |

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| **Work Experience** |
| * Currently working as a Senior Software Engineer in CGI Information System and Management Consultant, Pvt. Ltd. from 30 November 2009 till date. | |

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| **Academic Qualification** |
| * I have completed my B-Tech in Computer Science and Engineering, from Visvesvaraya Technological University Belgaum, Karnataka in the year of 2009 with overall of 64.27%. | |

**Project: 6**

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| **SIMS (Migration to Cloud)** |
| Client | Bell CANADA |
| **Domain** | Telecom |
| **Environment** | AWS Lambda and S3 |
| **Database** | Oracle 19c |
| **Role** | Java developer (Lead) |
| **Technologies and Tools** | Spring Boot for AWS, AWS Lambda Function, S3, SNS |
| **Team Size** | 12 |
| **Roles & Responsibilities** | * Involved in creating the technical architecture * Creating the high-level requirement from the CMO version * Creating the POC and presented it to the clients * Involved in giving estimations. * Creating System Design Document. * Involved in creating framework for the application * Involved in unit Testing of the application. * Developed few modules independently. * Involved in Defect Resolution. * Involved in Peer Review process to improve the quality of the deliverables. * Involved in developing supporting documents/need for the project. * Involved in technical/functional sessions for new joiners of the project. |
| **Description**: SIM and IMEI Management System or SIMS is the application for IMEI and USIM inventory process. Information related to IMEI and USIM is received from the respective vendors. SIMS stores the information in database for further use after performing business level validation. The information is then passed on to different downstream application for billing, activation, warehouse management and Caller Authentication.  The old version of system was coded on Monolithic Architecture using Perl and Windows PowerShell. The project was migrated to the newer version leveraging the Hybrid model of cloud architecture. The application uses AWS services like S3 for storage and Event generation, Lambda function using Java to process the file sent by Vendor, then process the file and send to various down streams one after the other. The final files are then stored on Bell Database for Report and Audit purpose. SNS is used to send Email alert to the down steams once the files are generated in the output S3 bucket. | |

**Project: 5**

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| **Odyssey Core** |
| Client | Bell CANADA |
| **Domain** | Telecom |
| **Environment** | RHEL 7, JDK 8 and Microservices using Spring Boot |
| **Database** | Oracle 19c |
| **Role** | Java developer (Lead) |
| **Technologies and Tools** | Spring Boot, Spring Data JPA, Spring Security, Dependency Injection, Spring for Apache Kafka, Eureka, Zuul, STS, Swagger, Actuator, Spring OAuth, Lambok |
| **Team Size** | 10 |
| **Roles & Responsibilities** | * Involved in creating the technical architecture * Creating the high-level requirement from the Requirements Matrix provide by client * Creating the POC and presenting to the clients * Involved in giving estimations. * Creating System Design Document. * Involved in creating framework for the application * Involved in unit Testing of the application. * Developed few modules independently. * Involved in Defect Resolution. * Involved in Peer Review process to improve the quality of the deliverables. * Involved in developing supporting documents/need for the project. * Involved in technical/functional sessions for new joiners of the project. |
| **Description**: Odyssey Core is a BSS application which acts as a meditation between the network switches and Billing platform. CDR/UDR are generated on 5G when the customer make as Call, Sends and SMS or perform some activity involving the internet. CDR/UDR are extracted by NM Platform and sent to Billing system after performing the validation, enhancement and Deduplication of the usage. The system consists of 3 layers of processing:   1. Collection: extracts CDR/UDR form Network using SFTP/UDP stream etc. 2. Processing: Validate the CDR/UDR, enhances them and then remove the duplicates 3. Distribution: The final files called BSI is sent to downstream for billing. The processed files are also sent to various downstream for various purposes like Warehouse, Reconciliation, Fraud Detection etc.   All layers are connected internally by Kafka. Each Stream will have 1 or more microservice which communicates though Eureka | |

**Project: 4**

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| **Network Mediation** |
| Client | Bell CANADA |
| **Domain** | Telecom |
| **Environment** | SUN OS (Solaris 5.9), RHEL |
| **Database** | Oracle 11g |
| **Role** | Java developer (Lead) |
| **Technologies and Tools** | Java, Spring, Hibernate, JavaScript, Eclipse and SQL Developer and Metasolv |
| **Team Size** | 12 |
| **Roles & Responsibilities** | * Involved in coding. * Understand the client requirements. * Worked on Change Requests. * Involved in Testing of the application. * Developed few modules independently. * Involved in Design of class diagrams and sequence diagrams. * Involved in Design discussions and design document creation. * Involved in giving estimations. * Involved in Defect Resolution. * Involved in Peer Review process to improve the quality of the deliverables. * Involved in developing supporting documents/need for the project. * Involved in technical/functional sessions for new joiners of the project. |
| **Description**: Network Mediation provides a carrier-class mediation solution designed for multi-service, multi-vendor, IP and 3G wireless network environments. Along with advanced data mediation capabilities, Network Mediation includes a network-facing data collection and processing engine for Service Analytics, Network Inventory Management, and Policy Services and raw network data collection, aggregation and enhancement for upstream business-critical systems like billing, reporting and analytics. There are three major types of software components or nodes in the Network Mediation system:  􀂋 Collection Cartridge (CC) — formerly called Equipment Interface (EI)  􀂋 Processor — Enhancement Processor (EP) and Aggregation Processor (AP)  􀂋 Distribution Cartridge (DC) — formerly called Output Interface (OI) | |

**Project: 3**

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| **Switch Reconciliation** |
| Client | Bell CANADA |
| **Domain** | Telecom |
| **Environment** | SUN OS (Solaris 5.9), HP (HP-UX) |
| **Role** | Java/C developer. |
| **Team Size** | 2 |
| **Responsibilities** | * Involved in Understanding the existing code in C * Involved in converting the code to Business Requirement and High-level Specification * Involved in re-writing the existing C code into Java. * Involved in deployment of this application on Solaris server. |
| **Description**: The Switch Reconciliation functionality provides the below mechanism   * File transfers from OSS network server to the CGI SR processing server; * Parsing and extracting information from the network flat files to create a single comma-delimited file; * Transferring the final result file from CGI SR processing server to Amdocs FTG server | |

**Project: 2**

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| **Message Processing System** |
| Client | Bell CANADA |
| **Domain** | Telecom |
| **Organization** | CGI |
| **Environment** | SUN OS (Solaris 5.9), HP-UX |
| **Database** | Sybase |
| **Role** | Perl, Java, Spring, Hibernate, Unix Shell Script developer |
| **Technology and Tools** | Java, Hibernate, Spring Ant Build, Perl |
| **Team Size** | 3 |
| **Responsibilities** | * Involved in coding. * Understand the client requirements. * Worked on Change Requests. * Involved in Testing of the application. * Developed few modules independently. * Involved in Design discussions and design document creation. * Involved in giving estimations. * Involved in Defect Resolution. * Involved in Peer Review process to improve the quality of the deliverables. * Involved in developing supporting documents/need for the project. * Involved in technical/functional sessions for new joiners of the project. * Involved in creating of Deployment plan and Deployed application on the Production server |
| **Description**: Message Processing System or termed as MPS is a network mediation platform for CDMA network. CDR`s generated by MTX, SMSC and Packet Data switches is pulled by MPS. The applications then perform business level validation and create BSI (rated CDRs) for customer billing generation. The BSI is sent to various downstream applications for Billing and Audit purpose. | |

**Project: 1**

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| **SIM and IMEI Management System** |
| Client | Bell CANADA |
| **Environment** | Microsoft Windows server 2003 |
| **Database** | Microsoft SQL |
| **Role** | Perl Developer |
| **Technologies and Tools** | Perl, Power Shell, MSSQL and Windows Event viewer. |
| **Team Size** | 6 |
| **Roles & Responsibilities** | * Involved in coding. * Understand the client requirements. * Worked on Change Requests. * Involved in Testing of the application. * Developed few modules independently. * Involved in Design discussions and design document creation. * Involved in giving estimations. * Involved in Defect Resolution. * Involved in Peer Review process to improve the quality of the deliverables. * Involved in developing supporting documents/need for the project. * Involved in technical/functional sessions for new joiners of the project. * Involved in creating of Deployment plan and Deployed application on the Production server |
| **Description**: SIM and IMEI Management System or SIMS is the application for IMEI and USIM inventory process. Information related to IMEI and USIM is received from the respective vendors. SIMS stores the information in database for further use after performing business level validation. The information is then passed on to different downstream application for billing, activation, warehouse management and Caller Authentication. | |

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| **Achievements** |
| * Rated First/Second in all yearly appraisal cycle of CGI till date. * Runner up in District Level Science seminar conducted by KRVP in the year 2003 and attended State Level completion. | |