**Sukhdev Kumar**

**Sr. Java Full Stack Developer**

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| **PROFILE** |

* A competent software professional with **9** years of experience as a **Java Full Stack developer** in all the technical phases of Software Development Life Cycle (SDLC) including Requirement analysis, design, implementation and testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.

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| **Additional Information** |

**Technical Skills:**

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| Programming Languages | Java/J2EE, RESTful webservices, JavaScript, |
| Tools / Frameworks | Spring, IBM Rational Software Architect, Eclipse, Visual Studio, JIRA, JAMA, HP- ALM, Junit, Postman |
| Databases | SQL, MySQL, Oracle, MongoDB |
| Front end programming | React JS, Redux, HTML, CSS, JavaScript, JSON, NodeJS |
| Cloud Technologies | AWS: EC2, S3, Lambda, Cognito, CloudWatch, API Gateway |
| IDE | Eclipse, IBM Rational Software Architecture, Visual Studio, SVN, GitHub |
| Server | Tomcat, WebSphere |
| Web Services | REST |

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| **CAREER HISTORY** |

**CGI Federal, Benefit Automated Test Tool (BATT)**

**April 2022 – Present**

**Role: Senior Java Full Stack Developer**

* Followed Agile Methodology in analyze, define, and document the application which will support functional and business requirements.
* Involved in complete SDLC- Requirement Analysis, Development, and system Testing.
* Developed an integrated web application using Java frameworks and tools such Spring-MVC and Maven with eclipse.
* Designed and developed UI screens using Java server pages (JSP), HTML, Java script and React Js for the presentation layer.
* Expertise in using middleware, Redux saga’s with actions and reducers in application.
* Utilized Java/J2EE, web services for developing different components.
* Designed and implemented the enhanced development platform by doing POC using framework like React Js, and NPM.
* Developed Dynamic Form creator a highly flexible dynamic questionnaire engine that supports a variety of form-based questionnaires that are configurable by power users.
* Used the basic form to render the form to capture user input data and Store completed form as a referral and persist it back onto MongoDB. Mongo DB is used for storing form templates and RDS MySQL instance is used for storing referral data.
* API Gateway is used for exposing the Rest API with Node Js, endpoints to be consumed by the front end.
* Implemented a cloud native web app using AWS services - Lambda, SNS, SQS, Cognito, CloudWatch, API Gateway, Kinesis, S3 Bucket, EC2, IAM, RDS.
* Worked with modules like MongoDB and mongoose for databases persistence using Node JS to interact with MongoDB.
* Been an active team player, helped in fixing bugs and carried out troubleshooting.

**CGI Federal (BAD)- Benefits Application Delivery**

**Dec 2021 – Feb 2022**

**Java full stack Developer**

* Analyzed, designed and developed of a change request provided by the client.
* Designed the front-end applications for user interactive web pages using web technologies like HTML, CSS, ReactJS.
* Made use of redux saga middleware to access redux application state and dispatched redux actions.
* Worked on Design Development and Implementation of business Applications using **Java**/**J2EE** Technologies.
* Worked on batch processes to generate the different notices for existing production PDC.
* Developed Java Beans and Custom Tag Libraries providing client-side validations in JavaScript.
* Used Rational Software Architect (RSA) for the façade, service layer, entity, domain definition others for modelling.
* Resolved the Jira tickets and bugs ensuring minimum turnaround time and handled issues in production environment.
* Experience on creating different batches as per the new requirements for Case Audit.
* Worked with Relational Database Management Systems including **Oracle, SQL Server.**
* Used JUNITtest cases for the application.
* Experienced using Jira, HP ALM, to create and track all development related tasks and issues.
* Worked closely with business analysts to resolve business issues and queries.

**District of Columbia Access System (DCAS)**

**Nov 2020 – Dec 2021**

**Java/UI Developer**

* Have experience in Case Audit module for the DCAS project.
* As a Java developer, Involved in Case Audit Design planning and implementing new requirements for Case Audit.
* Customized existing UI using web technologies like HTML, CSS, ReactJS, and created new screens and implemented new features for Case Audit.
* Revamping and rewriting front end using ReactJS, redux and webpack.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Written Spring Core and Spring MVC files to associate DAO with business layer.
* Used Spring Core annotations for dependency injection.
* Oversaw migration of existing application into Microservices Architecture using Rest APIs, spring boot, Spring Cloud and AWS.
* Involved in writing Java API for Amazon Lambda to manage the AWS services.
* Experience on implementation of cloud specific AWS services like IAM, Elastic compute cloud (EC2), S3 and others.
* Implemented the application using spring boot framework and handled the security using Spring security.
* Modelled new Structs, Facades and Service Layers, Entities etc. in Rational Software Architect
* Experience on creating different batches as per the new requirements for Case Audit.
* Developed application using Spring, hibernate (using annotations) and REST based webservices.
* Worked with Relational Database Management Systems including **Oracle, SQL Server.**
* Wrote **JUNIT** test cases for testing all **scenarios.**
* Experienced using Jira, HP ALM, to create and track all development related tasks and issues.
* Actively participated in design sessions with client to understand requirements.

**Department of Human Services (DHS), AR**

**January 2019 – October 2020,**

**Java Developer**

* Contributed the software engineering expertise in the development of the application through the software lifecycle from requirement analysis to deployment and delivery process.
* Worked with an Agile, Scrum methodology to ensure delivery of high-quality work.
* Worked on Curam Intelligent Evidence Gathering screens, Case Management, Curam Evidence, Code tables, Messages, Clientapps, Source, Rules, Curam Product Configuration, Case Management General, Citizen Portal, Notices, Contact Logs, Rate tables etc.
* Modelled Custom Struct, Facades and Service Layers, Aggregation relationship between the OOTB Struct and Custom Struct, complex class diagrams, modelling custom methods in IBM RSA.
* Experience in Designing, developing, and implementing new modules using Batch, workflow, IEG 2, Rules defects etc.
* Used Spring Core for IOC implemented using DI and developing Restful Webservices.
* Proficient in developing RESTful API using J2EE Technologies and testing APIs using Postman.
* Worked closely with Oracle database in backend to interconnect with user interfaces using native complex SQL queries.
* Responsible for fixing production defects, writing data fixes, implementing batches using Java and SQL to process huge datasets, documentation of detailed designs and UML diagrams.
* Used TortoiseSVN as the version control system. Performed fixed conflicts and pushed code commits to server.
* Worked with Atlassian JIRA for issue tracking and TeamCity for build monitoring and continuous integration.
* Experience in writing JUnit test cases.

**Personal Independence Payment (DWP), UK**

**August 2014 – Nov 2018**

**Java Developer**

* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC). Used AGILE methodology and participated in SCRUM meetings.
* Developed application using Core Java, J2EE, Spring Framework, webservices REST.
* Involved in designing the modules with extensive use of Rational Software Architect.
* Modelled Custom Struct, Facades and Service Layers, Aggregation relationship between the OOTB Struct and Custom Struct, complex class diagrams, modelling custom methods in IBM RSA.
* Worked on CURAM customization of OOTB code and Intelligence Evidence Gathering (IEG) for critical development tasks.
* Implemented business layer and created beans using Spring DI, AOP, IOC, MVC frameworks.
* Designed and developed the REST based microservices using Spring Boot.
* Experience in designing and implementing requirements using Batch and worked with Intelligent Evidence Gathering (IEG), workflow, and Rules defects.
* Worked with Tortoise Subversion (SVN) for code repository.
* Experience of working on Unit Testing to test the whole scenarios for application.

**Mphasis, India,**

**April 2014-August 2014**

**Software Developer**

* Followed Agile Methodology in analyze, define, and document the application which will support functional and business requirements.
* Responsible for creating efficient design and developed User Interaction screens using HTML, CSS, JavaScript, Material UI, ReactJS and Node JS.
* Worked on ReactJS, Redux, and databases like MySQL, MongoDB.
* Designed and implemented REST API using Node.js.
* Used Acceptance Test-Driven Development with MVP methodology and involved in all the business meetings and status update meetings as a part of SCRUM.

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| **Academic** |

* Master of Computer Applications (MCA), Punjab Technical University, India - April 2013
* Bachelor of Computer Applications (BCA), Guru Nanak Dev University, India -May 2010