**RESUME**

**Personal Information:**

**Name**: Bikash Shrestha

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**Professional Summary**

* More than 10 years of experience in Analysis, Design, Development, Implementation and Maintenance of enterprise applications using Java/J2EE Technologies like Java 8, Spring, Hibernate, Oracle
* Experienced in design, development and testing of Microservices using technologies like Java 8, Spring boot, Spring Cloud, Docker
* Good experiences in collaborating with architects and/or software consultants to ensure functional specifications are converted into flexible, scalable, and maintainable solution designs including UML diagrams
* Experienced in creating the REST and SOAP web services as well as creating the consumer for REST and SOAP web services
* Hand on experience with SQL Database like Oracle and MySQL and NoSQL database like Couchbase database
* Experienced in using Java Messaging Service (JMS) with both RabbitMQ and ActiveMQ
* Worked in Agile/Scrum Methodology for 5 years and worked in waterfall methodology for 3 years
* Experienced writing unit test for the developed code using JUnit and Mockito framework
* Hand on experience with Continuous integration and deployment of the application using Maven and Jenkins

**Education:**

**Master of Science in the field of Computer Science**

**School:** Maharishi University of Management

**Address:** Fairfield, Iowa, USA

**Bachelor’s degree in Computer Engineering**

**Foreign Degree:** Bachelor of Engineering In Information Technology

**School:** Pokhara University

**Address:** Pokhara, Kaski, Nepal

**Current Employment**

**Lowe’s Companies Inc, Mooresville, NC**

**Job Title:** Sr. Software Engineer

**Period of Employment:** 05/26/2020 to present

**Duties:**

* Worked as contractor for client Lowe’s Companies Inc in Mooresville, NC
* Design, develop and manage microservice applications for Inventory services using Java 1.8, Spring boot, Kubernetes, Dockers, Cassandra DB and Kafka
* Collaborates with product manager and/or other team members to ensure functional specifications are converted into flexible, scalable, and maintainable solution designs
* Deploy and manage the microservice application to Google Cloud Platform using Spinnaker and Jenkins
* Involved in designing and optimizing of existing and new microservices
* Write the unit test for the developed code using Junit and Mockito framework with atleast 80% test coverage
* Supports systems integration testing and functional testing
* Debug and resolve the issue/tickets for production and stage environment
* Working in an Agile/Scrum development methodology
* Participates in the end-to-end product lifecycle by applying and sharing an in-depth understanding of company and industry methodologies, policies, standards, and controls

**Previous Employment**

**Capital One Financial Corporation, Plano, TX**

**Job Title:** Sr. Software Developer

**Period of Employment:** 03/13/2020 to 05/25/2020

**Duties:**

* Worked as contractor for client Capital one financial corporation in Plano, TX
* Design, develop and manage Micro services, APIs and backend application services that support critical business processes using Java 1.8 / J2EE, Spring boot, Spring cloud, Docker.
* Responsible to work on Jenkins 2.0 pipeline and various plug-ins Groovy, Bash script, and Linux.
* Responsible for cloud development and deployments of application and services in AWS cloud platform.
* Estimate programming schedules and report on progress.
* Write automated software quality assurance tests and participate in code reviews required.
* Design user interface using Angular to view, add, update and delete the application configuration and rule data
* Collaborate with other developers, architects and project managers in solving new and existing technical challenges
* Working in an Agile/Scrum development methodology
* Documents development requirements for the applications, and operation system environment

**Previous Employment**

**Staples Inc, Framingham, MA**

**Job Title:** Sr. Software Engineer

**Period of Employment:** 12/04/2018 to 12/10/2019

**Duties:**

* Designing and development of Inventory and Order Sourcing Application using Java 8, Spring Boot, Spring Data, Spring Security, Rest Web Service, JMS, CouchBase (NoSQL Database) , Oracle Database
* Partner with architects to deliver solution blueprints and other UML based design documentation such as Class level design, Sequence Diagram and prepare LLD Documents
* Design and develop microservice application for performance and scalability using Netflix OSS, Spring Cloud , Eureka, Zuul, Hystrix, Turbine, Spring Config
* Designed and developed batch application to process large amount of data from CSV file using Spring batch and Spring integration
* Experienced in using object oriented design patterns and J2EE design pattern like Model View Controller, Abstract Factory, Singleton, Strategy, Command, Builder, Facade Pattern etc.
* Developed automated program using JAVA and SOAP for performing analysis, reporting, remediation of affected orders in the production
* Continuous integration and deployment of the application using Maven and Jenkins
* Wrote JUnit test cases with mocking data to perform unit testing
* Designed and developed user interface using Angular to view, add, update and delete the application configuration and rule data
* Debug the Java code using Eclipse/STS debugging and by analyzing server logs
* Mentor team members & imparting knowledge to offshore team on client process and tools

**Previous Employment**

**Amdocs Inc, Alpharetta GA**

**Job Title:** Software Engineer

**Period of Employment:** 10/28/2015 to 31/11/2018

**Duties:**

* Prepare AID (Application Interface documents) based on HLDs and discussions with other interfaces.
* Involve in development and support of enterprise application used by AT&T using different technologies such as JAVA, J2EE, EJB, Hibernate, Oracle SQL etc
* Attend requirement gathering meeting, calls and HLD calls
* Develop Class level design and prepare LLD Documents
* Write complex SQL queries for reporting and remediation of the issues in the application in the production
* Developing different automated program using JAVA and SOAP for performing analysis, reporting, remediation of issues in the production environment
* Provide support for the external system application and perform the problem analysis and provide solution as required
* Monitoring and analyzing the error logs and tuning parameters on WebLogic environment.
* Detailed problem analysis in the flow of application by understanding of business design and specs and application architecture and
* Provide the fix for the defect raised by tester in production and test environment
* Develop the application code using Java/J2EE, AVOS workflows.
* Perform Unit testing of the developed Code using JUnit and Mockito framework
* Deployment of application Code to Development Environment.
* To provide development support in Production environment
* Automate the build process using Maven and integration tools like Jenkins.
* Extensively used Oracle SQL Developer graphical tool for the enhancement and simplification of Database Development task.
* Use Eclipse IDE for designing, coding and developing the application.

**Previous Employment**

**Deerwalk Services Pvt Ltd, Kathmandu, Nepal**

**Job Title:** Software Engineer

**Period of Employment:** 09/30/2013 to 01/30/2015

**Duties:**

* Enhanced team success by collaborating on application architecture and class diagram design.
* Propelled positive project outcomes by developing enterprise application & services using Spring, Hibernate, Groovy and Grails.
* Efficiently stored data and enabled streamlined future analysis by using Elasticsearch (NoSQL).
* Accomplished desired client goals for push messaging system by using ActiveMQ as JMS server, Atmosphere Framework for pushing messages to client, and Highchart for creating dynamic charts.
* Implemented services and modules as REST web services and used for collection and retrieval of high volume of Medical Data
* Facilitated advanced data analysis by developing complex algorithm and logics.
* Wrote java code for application development and scripts for unit testing using Spock, following through by evaluating functionality and conducting detailed testing, debugging, troubleshooting.
* Created different automation program using different groovy and bash script for automate testing and integration
* Developed the application using Hibernate framework with MySQL as the primary database
* Used AJAX, Groovy Server Page and jQuery to create the front end of the application with a good response time
* Generation of different medical/insurance report using Jasper Reporting Framework
* Used Intellij Idea to designing, coding and developing application

**Previous Employment**

**Swifeen Technologies Pvt. Ltd, Kathmandu, Nepal**

**Job Title:** Software Engineer

**Period of Employment:** 08/01/2009 to 09/25/2013

**Duties:**

* Promoted successful results, developing enterprise application and web services using Spring and Hibernate and following through with detailed testing, analysis, and troubleshooting.
* Designed web-based application for mobile devices and tablet using Sencha Touch Framework and Android SDK, maintaining communication with colleagues for seamless module integration.
* Publishing Android application to Play Store with in-app billing system and full PayPal integration
* Used Highchart and Flot graph framework to generate the different graph to show stock data with different customization option like time interval, legends etc which let the user to analyse the data more effectively
* Developed web services using REST API to provide data for mobile application as JSON and XML
* Developed the role based central authentication system using spring security framework which can be used by web and mobile application to authenticate the user
* Designed the frontend of the application using HTML5, Javascript, CSS3 and jQuery framework with offline browsing feature
* Use of JSP and J2EE, Spring MVC in the server-side and using ORM with Hibernate framework
* Write code for unit testing using JUnit and Mockito framework
* Used Eclipse IDE for designing, coding and developing the application
* Ensured exceptional project outcomes by adhering to Agile methodology and empowered overall success by collaborating as team player.