Samir

PROFESSIONAL SUMMARY

Over 8+ years' expertise in both front-end and back-end development, with the capacity to handle each step of the process with efficiency. To be successful in a setting that fosters growth and excellence, allows me to work on cutting-edge technological projects, and provides me with the chance to study, innovate, and develop my strengths and talents in line with those of the organization.

- Experience working with different SDLC (Software Development Life Cycle) including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like **AGILE (SCRUM)**, **TDD**, and **Waterfall Models**.
- Expertise in developing **SOA(Service Oriented Architectures)** and **Microservice architectures** using J2EE web services based on **Restful(JAX-RS), SOAP(JAX_WS), JAX-RPC, and JAXR(Java API for XML Registries)** using frameworks like **Apache CXF, Jersey, Apache Axis.**
- Expertise in implementing **Core Java SE 8** concepts like **Streams API, Lambda functions, Functional programming,** and **Generics**.
- Experience in implementing and deploying Java EE design patterns such as **Singleton, Abstract Factory, DAO, DTO,** and **Business Delegate** in the Development of Multi-Tier distributed Enterprise Applications.
- Unit tested web services using **Junit, Mockito Easy mock, Spring Junit Runner, Spock, Testing**, and achieved Test-Driven Development (TDD) goals.
- Worked extensively with **JAVA 8** features like **Time API, Functional Interfaces, CompletableFuture, Optionals, Multithreading, Transaction Management, Exception Handling, Collection API**.
- Widely used various open-source MVC architecture like **Struts 2.0**, **Spring** MVC, and Object Relational Mapping (ORM) Frameworks like **Spring JPA** with **Spring Data**, **Hibernate**, **IBatis MyBatis, and Spring JDBC**.
- Experience in **Transaction usage, Servlets, JMS, Java Beans, Web Services, Multithreading Executor Services**.
- Strong experience with **EJB, Struts, Spring Boot,** Spring framework implementing modules: **Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security,** and **Spring Data**.
- Extensive experience in developing web applications using **HTML5, XML, XHTML, DHTML, CSS, CSS3(Sass,Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP**.
- Developed real-time dashboard applications for visualization and analytics on Apache web servers using **Kibana, Splunk, Grafana, SumoLogic,** and **New Relic** integrated with **DataDog**.
- Good knowledge in building real-time dashboard applications using **Splunk, Elastic Search, and Logstash (ELK)** to profile and monitor the streaming data of the application.
- Experience in **Spring Security** Framework for **User Access Management, JWT** token-based authentication, and involved **OAuth 2.0** configuration for authentication and authorization.
- Extensively used **Spring IOC** to inject objects based on selecting components like setter injection and Interface injection to manage the object references.
- Experience in integration tools like **Spring Integration, Mule ESB, Apache CXF, and Apache Camel** to integrate the enterprise application technologies with existing JVM environments.
- A good amount of hands-on experience developing server-side JavaScript frameworks using **Node JS (Hapi JS, Express JS)** to build **event-driven, non-blocking I/o model** web applications.
- Strong experience in building applications using the JavaScript **Mean stack**: MongoDB, Angular JS, Express.js, and Node.js.
- Strong experience developing **Dynamic Single Page Application (SPA)** using MEAN **(Mongo, Express Angular, and Node)** full-stack development tool kit.
- Proven experience with Application Servers like **IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat**.
- Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behaviour Driven Development testing).**
- Experience in Message Queue (MQ) services like **Apache Kafka, Rabbit MQ, Active MQ, and IBM MQ.**
- Sound learning on the consistent mix and persistent deployment tools **like Jenkins, Hudson, Travis, Puppet, and Bamboo**. Substantial involvement in **UNIX and Shell scripting to automate the build scripts**.
- Experience in testing with **JUnit Framework** using **Mockito** and **EasyMock, Spring Junit Runner, JMeter**. Worked on testing JavaScript structures utilizing **Mocha and Chai, Jasmine, and Karma**.
- Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iterative methodology, Pair Programming, Agile Development** & Testing using Software Development Life Cycle.

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- Good Knowledge in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront)**.
- Extensive AWS Experience including AWS Services such as **EC2, VPC (NAT, VPC Peering and VPN), IAM (Identity and Access Management), Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, SQS, SNS, RDS, DynamoDB, Route53, CloudWatch, CloudTrail, CloudFormation, Security Groups,** etc.
- Handled operations and maintenance support for **AWS cloud resources**, including launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, and **Elastic Load Balancers (ELB)** and **Relational Database Services (RDS)**. Also created snapshots for data to store in **AWS S3**.
- Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using **2 EC2** instances, **S3, EBS, API Gateway, Elastic Beanstalk, ECS**. Experience in configuration management tools like **Puppet, Chef, Docker** and used **AWS SDK** for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
- Experience in database design and development of **PL/SQL** stored procedures and packages in relational databases like **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, MySQL,** and good hands-on experience in implementing, designing, and developing **NoSQL** Databases like **MongoDB.**
- Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like **Oracle, MS SQL, MySQL, and DB2**.
- Hands-on experience with building Java projects using build tools like **ANT, Maven, Gradle,** and integrating the project **Bamboo, CD/CI, Jenkins, Aws Code.**
- Used **Kubernetes Linux container** for deploying and scaling containerized applications.
- Good knowledge of **Drools Rule Engines,** which corresponds to validating **BRMS (Business Rule Management System)**.
- Expertise in using **NPM** and **BOWER** package and Dependency management.
- Expertise in using **JavaScript** build tools and task runners like **Webpack** for React and Angular 8.0, **Grunt, Gulp** for Angular, Browserify for packaging NodeJS modules for browsers.
- Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as **Angular 8.0, AngularJS** to create dynamic web applications, **Backbone.Js, Ember.JS, Handlebar.JS.**
- Experience designing and developing various **Angular 8.0 Components** (ngModules), **Services**(observable/promises), **Directive,** and **Pipes**.
- Experienced in utilizing source code variant administration apparatuses like **SVN, Git, Bit Bucket**, and undertaking sprinters like **Babel, Grunt, Gulp,** and **Web pack.**
- Developed various **Typescripts (ES6)** objects, including **Components, ngModules, Providers, Services,** and **classes** using **arrow functions** and **optional types.**
- Solid experience developing the rendering view **React JS** components, forms, events, routers, and **Redux asynchronous** functions and implemented **React - Flux** pattern for core dependency.

	Technical Skills

Programming Languages	C, C++, Java, PL/SQL
JavaScript Frameworks	Angular JS, Angular 2+, jQuery, Node.js, Backbone.js, React.js, Express.js, Ember.js, Handlebars.JS
Java/J2EE Technologies	Servlets, Spring, EJB, JPA, JTA, JDBC, JSP, Thymeleaf, JSTL, Java 1.8
Frameworks	Struts 2.0/1.0, Hibernate 4.x/3.x, Spring 3.0, Spring Batch, Spring Security, Spring AOP, Spring Core, JSF, iBATIS, Spring IOC
Web Technologies	HTML, HTML5, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON.
Database	SQL Server, MySQL, Oracle, Mongo DB, DB2

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Cloud Technologies	Amazon EC2, S3, simple DB, Elastic Load Balancing, SQS, EBS, cloud front, EKS and PCF.
Web Services	XSD, WSDL, Apache Axis, SOAP, Restful, GraphQL, JAX RS, JAX WS
Messaging	JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka
Web Servers	Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Apache Tomcat 8.0/7.x/6.x
Application Servers	ApacheTomcat, WebLogic, IBM WebSphere, JBoss
Methodologies	Agile, Waterfall, OOAD, SCRUM
Testing Tools	JUnit, Mockito, Jasmine, Karma, Mocha, Chai, Selenium
Version Control	SVN, CVS, GIT,GITLAB
Build Tools	Maven, Gradle, ANT
IDEs	Eclipse IDE, RAD 6.0/7.0, Intellij IDEA, Spring Tool Suite (STS)
Operating Systems	Windows, Linux and UNIX
Software	Visual Studio, Rational Rose and Microsoft Office

Professional Experience

Client: Synchrony, Houston, TX.   Jan 2023 –   Present
Full Stack Java Developer

Responsibilities:
- Involved in Software Development Life Cycle for gathering requirements, Analyzing, Designing, Developing, and Testing applications using **Agile** methodology.
- Developed the single-page application following **Agile Scrum**, participated in daily standups, sprint reviews, Kickoffs, and used **Jira** for project management.
- Developed multiple **Angular 11.0** components that are compatible with the latest versions of **typescript, angular CLI**.
- The application is built in **Micro Service Oriented Architecture** using **MEAN 4+ (Mongo, Express Angular 8.0 and Node)** stack and developed **Single Page Applications (SPA)**.
- Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on Service Oriented Architecture **(SOA)**.
- Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS,** and Twitter **Bootstrap CSS** framework and **media queries** to create responsive web pages.
- Created dynamic schema design through **NoSQL MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for **horizontal scalability** as data volumes increase through **Sharding**.
- Used different transformers, exception handling, testing & Security of **Mulesoft ESB** endpoint through **OAuth**.
- Implemented **Java11** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces,** etc.
- Hands-on experience using **ODM frameworks** to connect asynchronous environments with **Mongoose Connector** and **Cassandra Node Driver**.
- Worked with **KAFKA Zookeeper** for managing the cluster with **broker/cluster** technology.
- Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate's** second-level **EHCache**.

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- Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the Spring Hystrix circuit breaker and for the fail-safe.
- Wrote **Drool rules** in both **rule flow** and **drooled fusion** for fetching the facts from the database.
- **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.
- Hands-on experience on **Dump Analysis** and thread Dump common problem patterns (Thread race, deadlock, hanging IO calls, garbage collection / OutOfMemoryError problems, infinite looping, etc.).
- Implemented **Spring Netflix Zuul** API gateway and **Eureka service registry** for **reverse proxy** and **Dynamic service** discovery of APIs.
- Performed manual and regression **testing** using **JIRA X-RAY** tests, writing the scenarios.
- Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and creating Kafka adaptors for decoupling the application dependency.
- Experience in **Java11** features like **Parallel Streams, Lambdas, functional interfaces, and filters**.
- Used **Cassandra** for storing internal statements and reports and worked extensively in Development which includes updating and retrieving data internally from the back-end **Cassandra**.
- Configured and managed various AWS Services, including **EC2, RDS, VPC, S3, Glacier, CloudWatch, CloudFront, Route53, SQS, SNS,** etc.
- Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes, and EC2 instances and created monitors, alarms, and notifications for EC2 hosts using **Cloud Watch**.
- Implemented a 'server less' architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets. Created a Lambda Deployment function** and configured it to receive events from your S3 bucket.
- Worked with **Jenkins** to configure **Continuous Integration** and **Continuous Deployment** (CI/CD).
- Participated in code review and mentoring sessions and used **GIT** as version control and **GITBash** for **GIT** interactions.
- Implemented Spring Circuit breaker pattern, integrated **Hystrix** dashboard to monitor Spring microservices.
- Experience in building isomorphic applications using React.js and Redux with **GraphQL** on the server-side.
- Experience in working with **GraphQL** queries and use the Apollo **GraphQL** library.
- Programmed **J2EE** application to manage transaction reports for **Oracle** Financials Application Processes.
- Worked on UI testing with **Karma, Jasmine, Protractor** for Angular, **Mocha,** and **Chai** for React JS and Backbone JS.
- Experience working with (consuming) **REST** or **GraphQL** APIs via client-side JavaScript or server-side via NodeJS.
- Authenticating Users to provide security to RestFul web services using **OAUTH 2.0**.

Environment: Java, Angular 11.0, J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, Eclipse RCP SASS, WSDL, JIRA, JMS, PostgreSQL, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

Fonepay Payment Pvt.ltd, Pulchok,   Aug 2021- Dec 2022

Kathmandu

Role: Engineer E2 (officer)

Description

As a Software Engineer (Java) is responsible to produce and implement functional

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software solutions, performing code reviews, writing test cases, guiding other team members and

collaborating with QA/DEVOPS team during the end-to-end software development lifecycle.

Responsibilities:

- Establish and maintain CI/CD process.
- Use Java/J2EE, ORM, JPA, Spring Boot & Web services.
- Analytical, debugging and troubleshooting skills and ability to work under a tight
- schedule and meet deadlines.
- Work in server-side APIs and web service integration (SOAP, REST, JSON, and XML).
- Management Jenkin, Kubernetes and GitLab
- Maintain software products by identifying and resolving issues.
- Maintains task, sub-task and time evaluation in Jira.
- Develop software products following standard coding practices and automated unit testing.

- Provide technical guidance and code review to junior members in the team.
- Work in a Scrum/Kanban team environment to size and plan the requirements.
- Perform unit tests.
- Research on new technology and prepare proposals for the improvement of the
- products.
- Review and ensure appropriate documentation of the product.
- Take different roles, as required by the organization, like Scrum Master, technical lead, project lead, etc.

- Work on MySQL database engine with sound working knowledge in SQL Query. .
- Part of a technical job interview for a new hire.
- Manage Jira dashboard.

Environment: Java1.8, angular 10/13,Spring, Spring boot, Hibernate,JPA,MYSQl workbench, Docx, Adobe Acrobat Professional SDK 7.0.5, SQL Developer, Sonar Qube, RestApi, GIT, Jenkins, Pipelines, Junit, HTML, XML, maven, Gradle,Karate,kubernates,Rancher,intellij IDE,Webstrom,visual studio.

I pay Remit Pvt.Ltd,   Jan 2018 -Aug 2020

Naxal, Kathmandu

Role: Associate java Software Engineer

Description

As an Associate Software Engineer will be responsible to work with a team of

engineering professionals and developers to improve existing software or design new applications. It

includes writing code as per business requirement, writing test cases, helping the QA team to test

software before release and collaborating with all the project stakeholders.

Responsibilities:

- Gather client requirements and study the flexibility.
- Establish and maintain CI/CD process.
- Maintain a high standard of Security on delivered products /services.
- Analyze the received requirement and plan the technical task.

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- Be reliable and dependable to complete assigned work.
- scrum master: Coordinate and resolve impediments inside the team.
- Write industry standard code using Spring MVC and Spring Boot.
- Perform database operation.
- Integrate Libraries and third-party API.
- Issue solving and bug fixing.
- Should handle Server deployment and centos Command management.
- Coordinate With local partners for technical discussion
- Full stack project Management
- Lightly Involving in digital Marketing
- Worked on Scrum for Project Management.

Environment: Java8.0, Spring MVC, Maven, Hibernate, SQL Developer, SONAR CUBE, Developer Studio jQuery, Jenkins, Junit, JSP, HTML, XML,JSON,MYSQL,Intellij IDE.

Innovation Hr. Solution Pvt. Ltd,

Naxal, Kathmandu   Aug 2015- Oct 2017

Role: Junior Technical Team Supporter with Developer

Description

As a programming intern involved working on various software projects under the

supervision and guidance of senior team members to gain practical experience and develop my skills

as a programmer.

Responsibilities:

- Analyze the received requirement and plan the technical task.
- Integrate Libraries and third-party API.
- Trying to Familiarize myself with Write Company Standard Code.
- Issue solving and bug fixing.
- Support To Non-Technical Person with Software and Hardware Level
- Making Technical Document for Third Party.
- Study And Resource Remittance and Transaction Flow System Across International Remittance Market.

Environment: Java8.0, Spring MVC, SQL Developer, HTML, XML

EDUCATION

- Bachelor of Computer Science in Information from Punjab Technical University.