

# Neranga (Neo) Urapola

## Experience Summary:

- 9+ years of experience in technical experience.
- 6+ years in development experience.
- Proficient in Complete Software Development Life Cycle of Distributed Enterprise Applications and Web Based Solutions.
- Worked on Software Development Life Cycle including Agile and Waterfall methodologies
- Excellent analytical and programming skills
- Hands on experience in design and development of Java/J2EE applications.
- Experience in JDBC, Servlets, JSP, JavaScript, Hibernate, Spring, WebServices, SQL Design and development of Web Services (WSDL using SOAP protocol).
- Expertise on working with presentation layer frameworks JSP, HTML, XML, JAVASCRIPT & CSS.
- Design and development of Data Access Layer using Hibernate, JDBC.
- Experience in working with Projects configured with build tools like Ant, Maven and Gradle.
- Extensive knowledge in working with different MVC Frameworks like Struts, spring (Spring MVC/Spring Services/ spring core/ Spring Integration) and ORM (Object Relational mapping tools) like Hibernate.
- Good problem-solving skills, quick learner, effective individual and team player, excellent communication and presentation skills.

## Technical Skills:

<b>Technologies:</b>	J2EE, Java EE, Spring, Struts, Servlets, JSP, WSDL, XML, EJB, JDBC, MVC, Hibernate
<b>Languages / API's</b>	Java, SQL, UNIX
<b>Web / Enterprise IDE</b>	Grails, Servlets, JSP, GSP, JDBC, XML, hibernate, Spring Eclipse, RAD, GGTS, IntelliJ
<b>Application Servers RDBMS</b>	Web Sphere, JBoss, Tomcat, JRun, WSAD ORACLE, DB2, MySQL, MS-SQL Server
<b>Operating Systems Tools</b>	Windows XP, 7/8, Linux Eclipse, WSAD, RAD, SVN, Junit, Spock, Ant, GGTS, Maven, Jenkins, IntelliJ, Clover

## Education:

- B.S. from Bellevue University, Omaha, NE
- Advanced Diploma in IT Aquinas Sri Lanka
- Java Certification University of California San Diego

## Professional Experience:

**Project name: Billing, CAT, Portfolio Accounting**  
**Infosys Client: Charles Schwab Westlake, TX**  
**Java J2EE Developer/Spring Boot Developer**

The project involves application enhancements & modernization, application integration to support the functionality and performance improvements to ensure the highest level of system availability to the Billing solution platform. TBMS platform is an online web Billing platform that is available for retails investors and Fund managers for billing financial statements like Invoice, monthly statement, and mutual fund account Invoices.

**Responsibilities:**

- Development of the microservice services with Java API and Spring boot.
- Responsible for the maintaining of the Microservices Centre Platform.
- Design and development features in REST Microservices.
- Refactored Spring Security Authentication.
- Built a new plugin module to convert jars file into EAR file
- Re-configured the entire gradle. builds for all the microservices file correcting existing shortcomings.
- Refactored the view layer to thymeleaf.
- Resolved upgrade incompatibilities.
- Refactored existing legacy services to microservices.
- Developed and configured the entire Bamboo pipeline of the application.
- Implemented sonar cube on Bamboo CICD environment.
- Implemented Veracode fixed security flows.

**Environment:**

Java, Spring Boot, jQuery, JPA, PCF cloud, Microsoft SQL, Maven, Windows, JIRA, Git, Postman,

**Professional Experience:****Project name: On Your Side Writers-Tool**

**Fast Switch/Nationwide Insurance, Columbus, OH (Contract)**

**J2EE Developer/Spring Boot Developer**

Nationwide is among top 10 insurance companies in the United States which markets and services its insurance and financial its products in all 50 States. 'On Your side Writers-tool' project involved in developing the web application which is used by Business Analysts (BAs) to generate reports. BAs use the website to add, edit or update insurance information, contributions, or do any other business transaction and to produce reports.

Website serves for are 3 different types of roles; user, writer and Admin. This application was originally developed with Groovy/Grails 2.1.1 and since has been upgraded to Spring boot application.

**Responsibilities:**

- Used Hibernate in data access layer to access and update information in the database.
- Development of Data Access Layer using JPA.
- Developed the entire front end of the application using HTML, CSS and Bootstrap, jQuery, Ajax
- Developed entire produce report module.
- Design and development of the REST API
- Build the unit test with Spock framework (Spock test) to validate the release of the built components using Clover code coverage.
- Refactored Spring Security Authentication Module.
- Built a new module to convert WAR file into EAR file using gradle 3
- Refactored the view layer to isolate CSS and JS (jQuery) Scripts from GSP Pages.
- Resolved all Grails 2 to upgrade incompatibilities.
- Refactored existing Controllers and Domains making them scalable and extensible.
- Developed and configured the entire Jenkins pipeline of the application.

**Environment:**

Groovy, Grails, GSP, jQuery, Hibernate, WebSphere Application Server, SQL, Spock, Maven, Windows, RTC, SVN, Git, Postman

**Professional Experience:****Project name: Life-Search**

**Bass LLC/Mutual of Omaha, Omaha, NE(Contract)**  
**Java J2EE Developer**

Mutual of Omaha is an insurance company which markets its products all over the United State. This project involved the development of web application to allow Life/Health Test bed testing system is used for testing of pre-issuing processing phase of insurance policies. The system designed was able a system to handle massive amounts of past insurance data to store, analyse, convert, and process several years of insurance data and also be able to simulate end-to-end pre-issuing processing phase of insurance policies.

**Responsibilities:**

- Developing GSP and views
- Used Hibernate in data access layer to access and update information in the database.
- Coding groovy, domain class to handle the business logic.
- Development of Data Access Layer using Domain objects.
- Developed the front-end using HTML, CSS and Bootstrap
- Maintained the existing code, bug fixing and development work.
- Performed Unit Testing, Manual Testing of the application.
- Test Case writing.
- Design and development of the REST web services
- Developed the unit test with Spock frame work (Spock test) to validate the release of the built components using Clover code coverage.
- Wrote Criteria for complex queries.
- Code review using Crucible and Fisheye

**Environment:**

Groovy, Grails, GSP, JavaScript, Hibernate, Tomcat Application Server, SQL, Spock, Maven, Windows, Jenkins, Jira, SVN, Clover

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**Project name: Message-Centre**  
**Client: UnifiedSys/Chegg, Omaha, NE (Contract)**  
**Java J2EE Developer**

The Message-Center is a REST web-services web application, which is the Gateway for all out going communication messages (Email and SMS). This application is developed with Java/J2EE/Spring3/JaxWS. The Client interface is Javax based REST Web Service. This application is integrated with third party messaging service providers.

**Responsibilities:**

- Participated various component (POJO class) development of the REST web services with Java API and Spring Gateway.
- Responsible for the maintaining of the Message Center Platform.
- Maintain the Data Access Layer using Spring JDBC Templates.
- Developed tools used in production environment, which reduce considerable amount of time for debugging production issues.

**Environment:**

Java, J2EE, JSP, JavaScript, Spring3, JDBC, Tomcat Application Server, Oracle, SQL, JUnit, Gradle, Linux/Unix, Windows, Jenkins

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**Project-Name: Safety and Risk Management**

**Client: UnifiedSys Kohl's Pharmacy (In house project) Omaha, NE**

**Junior Java Associate/Trainee**

Safety and Risk Management (SRM) is a comprehensive Web-based event reporting, tracking, monitoring and workflow management solution. SRM generates information that stakeholders across healthcare organizations can use to make the clinical, operational and financial decisions that improve patient care and reduce risk.

**Responsibilities:**

- Communicate with product owner and implement the requirements.
- Developed tools used in production environment, which reduce considerable amount of time for debugging production issues.
- Achieved performance improvements in the data submission application.
- Continuous build integration and testing support for backend modules. Developed Junit test cases.
- Maintain the existing code, bug fixing and development work.
- Scripts to manage life cycle on High Availability (HA) & fail over.
- Second level support for any issues arising out of the application.
- Ensure coverage of the software requirements through traceability.
- Participate for code reviews.

**Environment:**

JDK, Oracle, Eclipse, WebLogic, XML, XSL, Java Web services, SOAP, RestAPIs, EJB, JSP, AJAX, JQUERY, SVN, Windows NT/XP, Agile

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