Neranga (Neo) Urapola
https://neotechsys.info

Experience Summary:

Highly skilled web/API developer with 9+ years of technical experience. Proficient in the complete software development life cycle of distributed enterprise applications and web-based solutions. Experienced in both Agile and Waterfall methodologies. Excellent analytical and programming skills with expertise in Java/J2EE, Spring, Struts, Hibernate, and other related technologies. Strong problem-solving abilities, quick learner, effective individual and team player, with excellent communication and presentation skills.

Technical Skills:

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

Professional Experience:

Project name: Billing & CAT
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.
- Maintained the Microservices Centre Platform.
- Design and development features in REST Microservices ex: login screen| email options.
- Refactored Spring Security Authentication.
- Built a new plugin module to convert jars file into EAR file
- Configured build tools (Ant, Maven, Gradle) for microservices files.
- Refactored the view layer to thymeleaf.
- Resolved upgrade incompatibilities.
- Refactored existing legacy services to microservices.
- Implemented Bamboo pipeline and SonarQube for CI/CD 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 Spring 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.
- Refactored the view layer to isolate CSS and JS (jQuery) Scripts from GSP Pages.
- Resolved incompatibilities during the upgrade from Grails 2 to Spring Boot
- 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:

- Developed GSP and views for the web application.
- Used Spring 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, SVN, Tomcat Application Server, SQL, Spock, Maven, Windows, Jenkins, Jira

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

Project-Name: Safety and Risk Management
Client: UnifiedSys Koll'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.
- Developed the front-end using HTML, CSS, and Bootstrap.
- Maintained existing code, performed bug fixing, and development work
- Conducted code reviews using Crucible and Fisheye.

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