

Neranga (Neo) Urapola (US Citizen)
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Experience Summary:

Highly skilled web/API developer with 10+ years of technical experience 6+ java 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, Spring Boot, Hibernate, and other related technologies. Experience in Spring Framework such as Spring, Spring Boot, Spring Cloud, Spring DAO, Spring MVC, Spring Resources, Spring Data, Micro-services. Strong problem-solving abilities, quick learner, effective individual and team player, with excellent communication and presentation skills.

Technical Skills:

Technologies:	J2EE, Java EE, Spring, Spring Boot Servlets, JSP, WSDL, XML, JDBC, MVC, Hibernate, Microservices, Java 8 (LTS), Java 11(LTS)
Languages / API's	Java, SQL, UNIX, HTML, Java Scripts, CSS
Web / Enterprise IDE	Grails, Servlets, JSP, GSP, JDBC, XML, JPA, Spring, Spring boot, Spring Data Eclipse, RAD, GGTS, IntelliJ
Application Servers RDBMS	Web Sphere, JBoss, Tomcat, PCF, Azure, OpenShift ORACLE, DB2, MySQL, MS-SQL Server
Operating Systems Tools	Windows XP, 7/8/10/11, Linux Eclipse, WSAD, RAD, SVN, Junit, Spock, Ant, GGTS, Maven, Jenkins, IntelliJ, Bamboo

Education:

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

Professional Experience:

Project name: CEAS (Short Term Contract)

Intellect Solutions Client: IRS Farmers Branch, TX

June 2023 – Jan 2024

Java J2EE Developer/Spring Boot Developer/DevOps Engineer

An IRS federal audit organisation thorough review and examination of an organization's or individual's financial accounts and information. Its primary purpose is to ensure that financial information is reported accurately in accordance with tax laws and to verify that the correct amount of taxes has been reported. The CEAS project involves the development of an application that features a tax audit case store and provides functionality for online manager case reviews. It is based on servlet technology and has been upgraded to Spring Boot version 2.0.1.

Responsibilities:

- Used Spring data access layer to access and update information in the database.
- Development of Data Access Layer
- Developed report module.

- Design and development of the Audit REST API (Internal)
- Refactored Spring Security Authentication Module.
- Built Entire Module using Servlet 6.0
- Developed view layer to isolate CSS and JS (jQuery) Scripts from JSP Pages.

Environment:

Java, Spring Boot, jQuery, JPA, OpenShift, Microsoft SQL, Maven, Windows, JIRA, Git, Postman.

Professional Experience:

Project name: Billing & CAT

Infosys Client: Charles Schwab Westlake, TX (Contract)

Feb 2018 – June 2023

Java J2EE Developer/Spring Boot Developer/DevOps Engineer

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 retail investors and Fund managers for billing financial statements like Invoice, monthly statement, and mutual fund account Invoices, fixed income, fixed-income security.

Responsibilities:

- Development and Designed of the microservice services with Java API and Spring boot 2.7.
- Maintained the Microservices Centre Platform.
- Design and development features in (using WebSecurityConfigurerAdapter) Microservices ex: login screen | email options.
- Refactored Spring Security Authentication.
- Built a new plugin module-based jar.
- All functionality Implemented spring boot and spring data spring Transactional and spring security Modules.
- Build Spring Boot MVC modules with thyme-leaf.
- Refactored/Converted java methods to new functional programming (Stream API).
- Refactored existing legacy services to microservices.
- Implemented Bamboo pipeline and SonarQube for CI/CD environment.
- Implemented Veracode scan & 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

Jan 2017 – Dec 2017

Fast Switch Client: Nationwide Insurance, Columbus, OH (Contract)

J2EE Developer/Spring Boot Developer/DevOps Engineer

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 spring boot MVC the application using HTML, CSS and Bootstrap, jQuery (Not thymeleaf)
- Developed entire produce report module.
- Design and development of the REST API (Internal)

- 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 1.2
- 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, JPA, WebSphere Application Server, SQL, Spock, Maven, Windows, RTC, SVN, Git, Postman, Bamboo, SpringBoot.

Professional Experience:

Project name: Life-Search

June 2014– December 2016

Bass LLC Client: Mutual of Omaha, Omaha, NE(Contract)

Java J2EE Developer/DevOps Engineer

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.
- 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
- Performed Unit Testing, Manual Testing of the application.
- Design and development of the REST web services
- CI/CD Bamboo Pipeline Build.

Environment:

Groovy, Grails, GSP, JavaScript, SVN, Tomcat Application Server, SQL, Spock, Maven, Windows, Jenkins.

Project name: Message-Centre

June 2013 – May 2014

UnifedSys Client: Chegg, Omaha, NE (Contract)

Junior 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 development of the REST web services with Java API and Spring Gateway.
- Maintain the Data Access Layer using Spring JDBC Templates.
- Write Junit test.
- Write methods for bug fixing
- Build CI/CD Bamboo Pipelines.

Environment:

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

Project-Name: Safety and Risk Management

Jan 2012 - May 2013

Unifiedsys Client: 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 the requirements on deployments and features.
- Developed tools used in production environment, which reduce considerable amount of time for debugging production issues (Graphs).
- Developed the front-end using HTML, CSS, and Bootstrap.
- Maintained existing code performed and observed bug fixing, and development work
- Participate as a Trainee on 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