GoLang Developer GoLang Developer Addison, TX Work Experience GoLang Developer Panacea IT (Remote) March 2015 to Present Responsibilities: Developed JSON REST APIs in a TDD environmentforcontrollingandmonitoringthejobs WrittenMicroservices CreatedMicroserviceconfigurationjsonfiles Developed backup and recovery engine for VM backup/recovery using VMware vSphere APIs, GoLang programming language and RabbitMQ Message bus (communication interface). Used Go Programming Language (GoLang) and Scala in the development of the application. Created PDF reports using Golang and XML documents to send it to all customers at the end of month with internation language support. Used GOLANG to log the different host system event and alert information to Cassandra database. Worked on micorservicesstartupandsynchronizationsequencing Production log analysisusingSplunk. Dockerized MongoDB 3.2 and setup a replica set with persisted data in a Docker network. Programmed the invoicing web application using Golang and PostgreSQL as the backend. Utilized Go Channels and Routines to enhance the performance of the invoicing application. Contributed source code in Golang to developing an automation framework for AWS CFN. Setup Rancher management platform with Kubernetes as the orchestration framework for running Docker containers in all environments. Data Unit testingandbug fixes forthemodules. Created Docker image for the Go Microservice, and implemented deployment to run in Kubernetes Created Docker imageforthe Go Microservice, andimplementeddeploymenttorun in Kubernetes Skills used: Golang, Microservices, Webservices usingRestAPI, AWS, Consul, Splunk, Mesos, Chronos, Cassandra, dbeaver, Docker andVagrant. Java Developer Businessneeds Inc - San Jose, CA July 2013 to February 2015 Responsibilities: As part of a small team, developed a near real-time event-driven monitoring system that collects billions of records yearly. The system is a full microservices architecture written in Python and Golang utilizing distributed message passing via NSQ (nsq.io), with JSON and XML as data exchange formats Designed and implemented lexer/parser for specification test files in Golang. Contributed source code in Golang to developing an automation framework for AWS CFN. Experience of the design patterns and best practices with golang(and more) to start with design and get to deployable production systems including scale

monitoring and instrumentation platform.   Enhanced, fixed functional and performance related bugs in core product written in GO (Golang).   Setup Kubernetes cluster (Master & Minion) on AWS(Ubuntu) using CFN and Ansible.   Configured and deployed more than 70 microservices in a redundant configuration on more than 30 virtual servers in the cloud. Services are controlled by supervisord and run as system services.   Created a RESTful Library of utilities to extract various data from PostgreSQL, DynamoDB, and Kepware Server   Set up separate Docker container for Mongodb, Uwsgi App server and the Nginx Server.   Skills used: Java, Microservices, Webservices usingRestAPI, AWS, Consul, Splunk, Mesos, Chronos, Cassandra, dbeaver, Docker andVagrant.

SR. Web Developer SPX, NC May 2010 to June 2013 Responsibilities: Involved in Design, implementation and Coding.   Reviewed requirements with the Support Group and developed an initial prototype.   Integrated web services and messaging systems with Mulesoft ESB. Experience in building load balanced environments and administering SOA components.   Created Mule ESB Flows, performed payload transformation.   Developed a middleware data identity mapping solution utilizing Spring, JPA.   Designed & implemented the error processing strategy for the SOA integration.   Involved in creating Servlets and JSP. ponents like Navs, Navbars, Pagination, Alerts, Progress bars etc.Used JQuery to make RESTful API calls and Designed/documented REST APIs for collection and retrieval of high data.   Involved in creation of web services, and web methods with hibernate, Implemented   Web Services in JAXP based on SOAP protocols using XML and XSLT.   Worked extensively in creating data sources with JDBC Involved in the analysis, design and development of the application components using JSP, Servlets, EJB components and J2EE design pattern.   Made changes in the JSP pages according to the requirement.   Designed Graphical User Interface (GUI) for various WebPages using AJAX, HTML, CSS and JavaScript.   Created RPC-based service for reading large volume of data from PostgreSQL using GO(Golang).   Developed custom consumers and producers for Apache Kafka in Go (golang) for cars monitoring system.   Used GoLang to create backend servers.   Created Ajax forms for update operations   Data was converted into JSON using JSP tags.   Developed Multi -threaded code for web application development.   Developed online SQL query facility using JSTL

to manage the database.   Worked on the Unit testing and Integration testing.   Worked on Stored Procedures using the oracle database.   Registration process handled by entity bean with communicates to the oracle database.   Developed server side utilities using J2EE technologies Servlets, JSP, EJB.   Environment: Core Java (GUI interfaces, Angular, Bootstrap, Swings and Awt, Threads, Networking) J2EE, MulesoftESB, Servlets, JSP, XML, Design Patterns, Oracle 8i, Cloud computing (Platform as servie), SQL, Pl/Sql, JBOSS, Eclipse, JUnit. Java UI Developer San Jose, CA November 2009 to April 2010 Responsibilities: Developed application service components and configured beans using Spring IoC, creation of Hibernate mapping files and generation of database schema.   Worked with NoSql and Big Data technologies such as MongoDB, Cassandra, Hadoop. Worked on JavaScript to validate input, manipulated HTML elements using JavaScript, developed external JavaScript codes that can be used in several different web pages.   Implemented EJB's session bean to maintain mobile session.   Implemented methods to validate, invalidate, keep Alive session for login process and maintaining session credentials.   Developed REST services to talk with adapter classes and exposed them to the angular js front-end.   Providing scalable solutions via erlang, golang, AWS, protocol buffers and supervision trees.   Developed Golang API and chat-bot using TDD to automate software deployments and rollbacks using Github webhooks. Programmed the invoicing web application using Golang and PostgreSQL as the backend. Architected and developed a Golang API using TDD to aggregate data to show application server alignment.   Engineered Network Analytics Engine (NAE) for Aruba switch, implementing RESTful layer in Golang,   High use of Selenium in collecting client's information, development, identifying test cases, compatibly testing, automation of test scripts, Flex application testing and design, requirements review, design review, test plan review.   Implemented application level persistence using Hibernate and Spring.   Configured Struts, Hibernate framework with Spring MVC.   Set up Selenium tools from scratch and configured various other peripherals tools to perform Selenium test.

    Experience Working on Selenium , QC, Rally, QTP, LoadRunner, JMeter, Fiddler, SOAP UI, REST/SOAP testingand API testing   Expertise in MVC Architecture using JSF and Struts framework and implementing custom tag libraries.   Developed the application using Struts

Framework which is based on the MVC design pattern Deployed the application on Weblogic Application Server cluster on Solaris environment. Deployed EJB Components on WebLogic. Creation of REST Web Services for the management of data using Apache CXF. Architecture& Designed the Restful web services and developed core component layers like xml validation, core service layer, solr search and transformation components. Development of AJAX toolkit based applications using JSON. Developed additional UI Components using JSF and implemented an asynchronous, AJAX (JQuery) based rich client to improve customer experience. Involved in the development of presentation layer and GUI framework using EXTJS and HTML. Client Side validations were done using JavaScript Involved in adding AJAX, JavaScript components to some of the JSP pages wherever needed. Developed user interface using JSP, AJAX, JSP Tag libraries and Struts Tag Libraries to simplify the complexities of the application. Developed user interface using JSP, JSTL and Custom Tag Libraries and AJAX to speed the application. Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework. Worked on Data Services implementation for the CRUD services. Developed the UML Use Cases, Activity, Sequence and Class diagrams using Rational Rose. Developed Oracle PL/SQL Stored Procedures and Queries for Payment release process and authorization process. Developed programs for accessing the database using JDBC thin driver to execute queries, Prepared statements, Stored Procedures and to manipulate the data in the database. Involved in debugging the product using Eclipse and JIRA Bug Tracking. Involved in JUnit Testing of various modules by generating the Test Cases. Configured Maven dependencies for application building processes. Developed XSD for validation of XML request coming in from Web Service. Implemented a prototype to integrate PDF documents into a web application using iText PDF library. Extensively used QA tools: Selenium, QuickTest Professional (QTP), WinRunner. Designed and developed client and server components of an administrative console for a business process engine framework using Java, Google Web Toolkit and spring technologies. Make files and the like. Worked with Clearcase source management. Configured glassfish server; Design shipping rate template upload UI using Adobe Flex and Developed Jasper report. Environment: Java, J2EE, Servlets,

JSTL, JSF, ICE Faces, XML, iRise , CSS, Spring, Hibernate, Struts, Weblogic, APACHE CXF and REST, JQuery, AJAX, ExtJS, JavaScript, JSP & SERVLET, Oracle, CRUD, SQL, UML, Eclipse, Junit, MAVEN, ITEXT, , JavaScript, Weblogic Application Server, ANT, Junit, Solaris, Windows, Jax-B, JMS, Log4j. Java Backend Developer Amazon - Seattle, WA February 2009 to October 2009

Responsibilities: Created the web application using MVC Struts framework.   Created user-friendly GUI interface and Web pages using HTML and DHTML embedded in JSP. Developed web layer using Struts framework to manage the project in MVC pattern   Used Eclipse to develop J2EE Components. Components involved a JSP front end (Light weight). CSS and scripts were also part of front end development   Designed J2EE project with Front Controller pattern   Designed CSS and tag libraries for Front end   Extensive use of Java scripts and AJAX to control all user functions.   Developing front end screens which includes JQuery, JSP, JavaScript, Java and CSS   Attend business and requirement meetings   Developed custom consumers and producers for Apache Kafka in Go (golang) for cars monitoring system.   Programmed the invoicing web application using Golang and PostgreSQL as the backend   Contributed source code in Golang to developing an automation framework for AWS CFN.   Involved in Test Driven Development. Written automated unit test functions in golang to cover the API code.   Using ANT to create build scripts for deployment and run the JUnit test cases   Using VSS extensively to code check-in, checkout and version them and maintain production, test and development views appropriately. Understand the sources of data and organize it in a structured table setup   Deliver daily reports and data sheets to clients for their business meetings.   Code review, unit testing and local Integration testing.   Integrating of application modules, components and deploying in the target platform.   Involving in the requirement study, and preparation of detailed software requirement specification.   Involving in low level and high level design and preparation of HLD and LLD documents Visio. Testing support during integration and production   Environment: C, Java, Hadoop, Hive, Sqoop, Zookeeper, MapReduce, JSP, J2EE, Struts, JDBC, Oracle, SQL, Log4j, JUnit, VSS, Ant, Shell script, Visi Fullstack Developer Bank Of America April 2008 to January 2009

Responsibilities: REBA is a Retail Business Administration application developed using Adobe

Flex 3.0 and Java, Web Services, J2EE design patterns using DAO and with log4j logging, security using LDAP authentication and authorization.   The web front-end is implementation of Flex, JSP, Servlet and using calls to RESTful web services, database DB2 using DAO.   Have participated in business requirement gathering and use case analysis and design of the application.   Have been involved in Java/J2ee development using Java, Servlets, Adobe Flex 3.0, ActionScript 3 to build highly interactive front end using Flex Cairngorm framework and using RESTful Web Services with standard design patterns.   Implemented J2EE Design Patterns DAO (Data Access Object), DTO (Data Transfer Object), and Service Locator and MVC design patterns.   Have done code review and configuration build management for the application using Ant, ClearCase.   Have used IDE tool Eclipse Ganymede for development, integration with web application server Tomcat 6.0 and JBoss. Used database DB2 for the back-end system and have written SQL.   Developed components in test-driven environment using testing framework JUnit.   Environment: Java, JSP, Servlets, Adobe flex 3, Cairngorm framework, RESTful Web Services, XML, ActionScript 3, ANT, Eclipse, Tomcat 7, JBoss, ClearCase, Oracle 10g, Toad, Windows XP, UNIX. Java UI Developer Constant Contact - Boston, MA June 2007 to March 2008 Responsibilities: Involved in System Analysis and Design methodology as well as Object Oriented Design and Development using OOAD methodology to capture and model business requirements.   Review and guide the application architects with Object Oriented Design using Rational Unified Process (RUP) and also proficient in using UML-Rational Rose.   Implemented the web-based application following the MVC II architecture using Struts Framework.   Developed user defined custom JSP tags to separate presentation from application logic.   Responsible for creation and consumption of Web services using SOAP and WSDL.   Designed, developed JSP, Servlets, and EJB and deployed them on WebLogic Application Server.   Used Hibernate for mapping the Object oriented model of Java with Oracle.   Involved in writing SQL, Stored procedures and PL/SQL rebuilding the application for Oracle database end. Developed HTML, JavaScript and Perl Scripts for UNIX platform deployment.   Used ANT and Maven for compilation and building JAR, WAR and EAR files and doing unit testing using Junit. Environment: Java, J2EE, JSP, Servlet, Struts, HTML, CSS, XML, JavaScript, AJAX, XML,

Hibernate, Spring, Web Services (SOAP), WebLogic App Server, Oracle 10g/9i, JUnit, JDBC, PL/SQL, Perl, Eclipse, ANT, Maven, Rational Rose, Solaris/ Windows2000. Education B.S. University of Washington - Seattle, WA

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