**SUJITH ELURI**

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**Summary:**

* Having 8 years of experience in technical and functional specializing in the analysis, design and development of various multi-tiered client-server applications using Golang, Python, C/C++and technologies on Linux/Unix & Windows environments.
* Experience in vulnerability assessment and penetration testing using various tools like Burp Suite, DirBuster, OWASP ZAP proxy, NMap. Nessus, Hp Fortify, IBM AppScan, Kali Linux, Metasploit.
* Analyzing the results of penetration testing, designing reviews, source code reviews and other security tests.
* Experience in Golang. Excellent coding and problem - solving skills with ability to work as Developer.
* Experience working with all phases of SDLC throughout the project life cycle using various method i.e., Waterfall, Agile/Scrum and Safe methodology.
* GoLang, and Rust, who is constantly motivated by the idea of learning more, and the enjoyment of the requirement of an ever-adapting mindset.
* Strong working knowledge in developing Restful webservices and Micro Services using Golang.
* Implemented REST services by Golang with microservices architecture.
* Developed responsive web product features using React JS, SASS, on Golang with REST.
* Good hands-on experience in designing, developing, implementing, and deploying applications on cloud using AWS, Azure.
* Good experience with Docker and Kubernetes. Extensive knowledge in using Git, Bitbucket and SVN.
* Good experience with Golang drivers to perform operations such as CRUD operations and writing complex queries with PostgreSQL and SQL Server
* Experience in Golang concepts like Slices, Maps, Structs, Interfaces, Go routines and Channels and extensive working knowledge with Micro services, Gokit, ORM GORM, cli, Gorilla Mux.
* Working knowledge of GRPC for HTTP Gateway management.
* Experience in design, development, testing, maintenance, and documentation of Enterprise applications Golang, Python, PL/SQL.
* Experience of 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.
* Proficient with like Goroutine, Microservices, Gokit, ORM GORM, Gorilla Mux, go-hystrix, godoc, ginkgo, gRPC, GoLand, GoCD.
* Experience in designing and developing Web based Enterprise applications using Java and J2EE technologies like **spring**, **Hibernate**, **JSPs**, **Servlets** and **EJB**.
* Proficient in implementing the agile methodology for an efficient release process.
* Proficient in developing client-server distributed architecture applications in Java/J2EE, Servlets, JSP, JDBC, Spring, Hibernate technologies.
* Created robust user Interface (UI) using **HTML5, Angular JS, Angular 2+, React/Redux, CSS3, JSP, JSX, JavaScript and jQuery.**
* Performed unit testing using JUnit, integration and deployment of applications done using tools such as ANT and Maven and debugging through Log4j.
* Experience in using Application servers and Web servers such as BEA Web Logic server, JBoss/wildfly, IBM WebSphere and Apache Tomcat.
* Experience in using the Continuous Integration tools like Ant, Maven, Gradle, Jenkins for build automation.
* Experience in using Atlassian suite comprising JIRA, Confluence for project Tracking and Management.
* Expertise to work with UI and API testing with REST and also worked with the API testing tools like Soap UI and http Master as per the system requirement.
* Expertise in implementing Data Model as required by the application using Oracle PL/SQL by Creating tables, Views, Stored Procedures, Functions, Triggers, Indexes.
* Contributed to Improving the Performance of Java applications by code refactoring, following a query optimization plan.
* Good hands-on experience in designing, developing, implementing and deploying applications on cloud using AWS, Azure.
* Good experience with Docker containerization with AWS ECS in parallel with Jenkins to Continuous Integrate and Continuous Deploy (CI/CD).
* Experienced with Docker for back-end services to deploy Docker images in RedHat OpenShift (platform as service) environment.
* Experience in Jenkins pipeline to drive all microservices builds out to Docker registry and deployed using Kubernetes.
* Extensive experience and actively involved in Analysis, Design, Coding and Code Reviews, Unit and Integration Testing.
* Expertise in analyzing the User stories, providing proper story pointing, estimation and suggesting if any of the existing functionality is impacted.
* Good team player, able to work in a collaborative manner with other developers.
* Experience in end-to-end implementation and integration of projects and completed them successfully under tight deadlines.
* Coordinated with offshore team and supported project critical releases and deployments.

**TECHNICAL SKILLS**:

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| --- | --- |
| **Programming Languages** | Golang, C, C++, JAVA, Rust |
| **Java/J2EE Technologies** | Servlets, JSP, JPA, JNDI, JDBC. |
| **Frameworks** | Struts, Hibernate, Spring. |
| **Web Technologies** | HTML5, DHTML, XHTML, DOM, CSS3, Java Script, jQuery, Ajax, ReactJS, Angular js, Angular 2 +, Typescript, node.js, JSX |
| **Application/Web Servers** | Apache Tomcat, JBoss, IBM Web Sphere, Web Logic. |
| **IDE Tools** | Eclipse, Visual Studio Code, Intellij IDEA. |
| **Integration tools** | JIRA, SVN, GIT, CVS, JENKINS, Ant, Maven, GRADLE, Docker. |
| **Database** | Oracle, Microsoft SQL server, MS Access, MySQL, NO SQL, DB2. |
| **Cloud Technologies** | AWS,Azure Cloud Services, SQL Azure, Active Directory, Azure Kubernetes |

***Professional Experience:***

**ASML, CT**

**Golang Developer**

**June 2021 to Till Date**

**Responsibilities:**

* Developed and deployed one of the Golang based web service in the AWS.
* Experience writing data APIs and multi-server applications to meet product needs using Golang.
* Developed new Restful API services that work as a middleware between our application and third-partyAPIs that we will used using Golang.
* Developed automation via Groovy, Python and Bash scripts to enable deployment, shutdown, testing, maintenance and cost savings.
* Worked with Version Control Systems like GIT, GitHub and Bitbucket.
* Conducted application penetration testing over various business applications
* Performed penetration testing over the enterprise systems to audit the standards to comply with 150 Standards
* Developed new Restful API services with Golang.
* Worked on fixing the functional performance issues using the GO as a part of the Test-Driven Development (TDD).
* Experience in generating YAML files from go-swagger that can be used to develop Swagger pages for API documentation.
* Worked on designing specific programs efficiently by implementing go routines in API to meet the goal of increasing performance on a wide variety of applications.
* Experience in writing shell scripts to build Docker image for containerization.
* Worked on SQL Queries and triggers to interact with Postgres DB.
* Used GoL and IDE for development. Used GitHub and Jenkins for the continuous integration and deployment.
* Developed gRPC and RESTful microservices using Go Language.
* Specified, prototyped, developed and tested an object-oriented, multiplatform C++ framework containing support to: data structures, common algorithms sockets, threading.
* Responsible for maintaining and expanding our AWS infrastructure using AWS EC2, manage documents in S3, providing IAM access to S3 buckets.
* Using GO, developed micro services for reading large volume of data(millions) from PostgreSQL database.
* Worked on writing the Protobuf file and generating the gRPC pb.go and gRPC pb.gw.go gateway files using that Protobuf.
* Performed backend development in Golang for Limit Monitoring system.
* Enhanced, fixed functional and performance related bugs in core product written in Golang.
* Containerization of GoLang Microservice using Docker and deploying them AWS clusters using Kubernetes (EKS) with the help of Jenkins pipeline.
* Used GO to run the Docker Command Line Interface tools.
* Worked as per Agile Methodology (Scrum) to meet customer expectation, timelines with quality deliverables.
* Created stage timeline in Web UI client using JavaScript and React and implemented stage deletion in CLI using Golang.
* Implemented web services using JAX-WS as well as REST services by Golang with Microservices architecture.
* Worked and learned a great deal from Amazon Web Services (AWS) Cloud services like EC2, S3, EBS, RDS, VPC, and IAM
* Implemented gRPC and REST based web services using MUX router and consumed using HTTP services
* Used Wait Groups, go routines and channels in programming to improve overall performance of the application using Singleton and Interface design pattern.
* Provide the security to gRPC and RESTful web services using SAML and JWT tokens.
* Setup MQ series on the AWS EC2 and S3 instance from AWS marketplace and was responsible for creating JMS queues.
* Created docker images in Linux environment.
* Maintained standards like logging with customized logger package.
* Used Splunk and Datadog to monitor the error logs of Golang microservices.
* Designed Test Cases to test the application by using Unit Testing.

**Environment:** Golang, C++, Python, Microservices, gRPC, RESTful, Docker, Kubernetes, Helm, SAML, JWT, Go-Modules, Git, IntelliJ, Jenkins, Datadog, Splunk, Continuous Integration, Jira.

**IBM, TX**

**Golang Developer**

**Nov 2018 to May 2021**

**Responsibilities:**

* Created a Lambda Deployment function, and configured it to receive events from S3 bucket.
* Designed the data models to be used in data intensive AWS Lambda applications which are aimed to do complex analysis creating analytical reports for end-to-end traceability.
* Developed automation via Groovy, Python and Bash scripts to enable deployment, shutdown, testing, maintenance and cost savings.
* Backend development in Golang for Limit Monitoring system
* Developed application to handle concurrent data collection and processing with Goroutines and channels for a WIFI device using Golang.
* Implementing the routing technique in Golang using Gorilla mux as request router and dispatcher for matching incoming requests to their respective handler
* Created Docker images using a Docker file, worked on Docker container snapshots, removing images
* Helped in building APIs in Go using Protocol Buffers and gRPC
* Used messaging format protobuf for high performance
* Implemented different GoLang libraries like go-fmt, go-vet, go-dep and worked on race conditions which are resulted by implementing the race flag
* Used go to develop Container platform for Kubernetes.
* Designed Test Cases to test the application by using Unit Testing.
* Worked with executed unit test cases by using testing and testify package for accuracy of code.
* Worked on designing specific programs efficiently by implementing go routines in API to meet the goal of increasing performance on a wide variety of applications.
* created a One-Off NoSql Database to handle workflow in an efficient manner, written in Golang.
* Implemented Web Services (WSDLs) using JAX-WS and implemented REST services by Golang with microservices architecture Docker, Kubernetes
* Created internal diagnostic tools using Golang, Goroutine, Microservices, Channels, Gokit, ORM GORM, Gorilla Mux, go-hystrix, godoc, ginkgo, gRPC, GoLand, GoCD and AngularJS in order to assist with customer issues. Golang and Java were used as a backend REST service while AngularJS was used for the user interface.
* Building a Command line tool to interact with RESTful API using in Golang.
* Developed backup and recovery engine for VM backup/recovery using VMware vSphere APIs, GoLang programming language and RabbitMQ Message bus (communication interface).
* Provide the security to gRPC and RESTful web services using SAML and JWT tokens.
* Worked on Pythont for AWS Lambda environments, with good hands on experiance with Java.
* Gathering requirements from client, analyzing, and preparing the Requirement specification document
* Developed microservices in Golang to process numerous data from various db like Postgres, MySQL.
* Created PDF reports using Golang and XML documents to send it to all customers at the end of month with internation language support.
* Created a classifieds website for client using Golang, Goroutine, Microservices, Channels, Gokit, ORM GORM, Gorilla Mux, go-hystrix, godoc, ginkgo, gRPC, GoLand, GoCD, Spring MVC, Angular, AWS, AWS EC2, RDS, Google App Engine, Google Cloud Platform
* Backend proficiency using Node, Express, Google Go (Golang), GoLang, Goroutine, Microservices, Channels, Gokit, ORM GORM, CLI, Gorilla Mux, Go-hystrix, godoc, ginkgo, gRPC, MongoDb including 3rd¬party services Firebase, Kinvey and Parse.
* Used GOLANG to log the different host system event and alert information to Cassandra database.
* Designed and implemented lexer/parser for specification test files in Golang, GoLang, Goroutine, Microservices, Channels, Gokit, ORM GORM, CLI, Gorilla Mux, Go-hystrix, godoc, ginkgo, gRPC
* Contributed source code in Golang to developing an automation framework for AWS CFN.
* Worked to Improve existing microservices that the infrastructure uses by redesigning the data pipelines
* Rewrote various microservices which needed more throughput and less latency from Python to Golang and achieved a huge increase in throughput and huge reduction in memory usage
* Responsible for generating server-side code using open API specifications with Go-Swagger
* Created RPC-based service for reading large volume of data from PostgreSQL using GO(Golang)
* Executed the test steps defined in Test Cases manually and reporting the bugs in JIRA

**Environment:** GoLang, Goroutine, Microservices, Channels, Gokit, ORM GORM, CLI, Gorilla Mux, Go-hystrix, godoc, ginkgo, gRPC, JavaScript, HTML5, CSS3, Angular, React, AWS, DynamoDB, Google Cloud Platform, Bash, ErLang, Java, Spring, Hibernate, Python, Docker, Elasticsearch, JSON web token, Maven, Rest, JSON, Jira, Jenkins, Eclipse, Git, SVN, Linux

**Poly, Kansas City, Missouri**

**Golang Developer**

**Apr 2016 to Oct 2018**

**Responsibilities:**

* Building a Command line tool to interact with RESTful API using in Golang.
* Improved test automation efficiency and execution through development of a distributed resource management system written in Erlang.
* Increased visibility and user experience of distributed resource manager using YAWS, Erlang and AJAX to create an asynchronous web portal for the distributed resource manager.
* Wrote various types of Business rules in the drools file using Drools rule engine for business decision making; injecting beans into the rules engine and invoking using Rule Base Stateless Session.
* ReactJS Virtual DOM used for client-side view rendering services, React-Redux for state management and React-Router for programmatic navigation.
* Analyzed the Node.JS server structure in legacy project, then mimicked the REST service by using Java JAX-WS API and did the corresponding configurations.
* Implemented Angular 2 services to connect the web application to back-end APIs to POST/GET the data used in the application.
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Implemented Drools Business Logic Integration Platform which provides a unified and integrated platform for Rules, Workflow and Event Processing.
* Installed and Configured Sun One, Apache 2.x Web Servers, as a proxy plug in for Web Logic Server 10.0. Deployed the applications on multiple Web logic server and maintained Load balancing, high Availability and Fail over functionality. Designed and developed efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, jQuery, AJAX, Bootstrap4andJSON.
* Used Angular 2 to create views to hook up models to the DOM and synchronize data with server as a Single Page Application.
* Hands on involvement in Installing, overhauling and arranging Oracle SOA Suite 11g/12c parts in Oracle Web rationale server areas. Mastery in relocation and redesigning of Web rationale Server and refreshing JDK forms and introducing patches for Web rationale Server. Introduced and Configured Sun One, Apache 2.x Web Servers, as an intermediary connect to for Web Logic Server 10.0. Conveyed the applications on numerous Web rationale server and kept up Load adjusting, high Availability and Fail over usefulness.
* Involved in development of commonly used angular components across teams such as directives for grid, pagination, conditional validations.
* AJAX used extensively to implement front end /user interface features in the application.
* Wrote micro services using Golang.
* Created the Node JS - Express JS Server to build MVC framework from front-end side Angular 2 to back-end.
* Configured Express.js to set up middle-wares to respond to HTTP requests and created RESTful web service with Node.js.
* Karma and Jasmine tool are used to perform unit testing on Angular 2.0.
* Used web pack for magnification of JavaScript files, compilation of SAAS files into CSS and for monitoring the application.

**Environment:** Angular 2.0, JavaScript, React JS, Node JS, Express JS, HTML5, CSS3, AJAX, Bootstrap4, jQuery, Spring MVC, Spring Security, Hibernate, Spring Data, Spring Boot, Microservices, Restful services, Eclipse Java EE IDE Jenkins, GitLab, Log4j, Cassandra, MySQL,

**AGT, India**

**Golang Developer**

**Aug 2015 to Nov 2016**

**Responsibilities:**

* Developed Go API’s with the revel framework with the Ginkgo development as the forefront driving the Test-Driven Development process.
* Involved new requirement and enhancement of codes for our new Release.
* Worked on integration of PostgreSQL database.
* Performed Golang unit testing and benchmarking for the micro services.
* Created MongoDB collections and wrote services to retrieve user data from for the application on devices.
* Involved in the development of front-end developing part (presentation layer)
* Involvement in designing Class diagrams using UML
* Responsible for implementing LDAP connection pooling.
* Client-side validations using Java Script.
* Involved in Server-side development for the application which included coding (JDBC Connections, java Servlet, JSP).

**Environment:** Java, JSP, Servlet, Java Bean, JDBC, JavaScript, HTML, UNIX, TMT Tool.