Codewaveit
Path to future

Nihal

==Golang== Developer/Engineer

(717) 970-9900

Summary:

- I have excellent 8+ years of extensive experience in Web Application Development, designing, testing, and maintenance of web apps using C++ & ==Golang== technologies.

- Extensive experience with the ==GoLang== language and integrating various stacks including ==Java==, JavaScript, AJAX, jQuery, AngularJS, ReactJS, NodeJS, Angular, Bootstrap, JSON, XML and Python.

- Containerized applications using Docker: Created docker files, built docker images for microservices to run on Kubernetes platform.

- Strong working experience in developing Restful webservices and Micro Services using ==Golang==.

- Implemented REST services by ==Golang== with microservices architecture.

- Experience in developing UML diagrams like use cases, class diagrams, activity diagrams and sequence diagrams using Rational Rose and MS Visio tool.

- Experience in ==Golang== concepts like Slices, Maps, Structs, Interfaces, Goroutines, Channels, Microservices, GOkit, GORM, CLI, Gorilla Mux, GO-hystrix, GOdoc.

- Working experience Boost STL containers, Design Patterns, Socket programming, Multithreading, GO Procs and GO containers.

- Skilled in memory management, auto pointers, pointer handling, callbacks, function pointers and Functions in C++/C.

- Good experience with Docker and Kubernetes. Extensive knowledge in using Git, Bitbucket and SVN.

- Experience in using static analysis tools like cppCheck, Coverity and caught many severe bugs before production release.

- Hands on Experience with web services like REST, SOAP, OAuth, API development, SQL & NoSQL databases.

- Experience in TCP/IP socket programming, data structure, algorithms, multithreading, IPC mechanisms, Linux Shell scripting, OOPS concept, STL, and Design Patterns.

- Familiarity with Amazon Web Services like EC2, VPC, CloudWatch, CloudFront, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.

- Experience using Eclipse, IntelliJ, Net Beans IDE in Windows and Unix Environment.

- Proficient with GO Routine to start with design and get to deployable production systems including scale monitoring and instrumentation platform.
- Good experience in writing SQL queries, Stored Procedures, Triggers and Functions using PL/SQL with databases like Oracle and SQL Server.
- Working experience in multi-tiered environment, OOAD concepts, Software Development Lifecycle (SDLC) and familiarity of Service Oriented Architecture (SOA).
- Experience with Golang drivers to perform operations such as CRUD operation and writing complex SQL queries with the databases.
- Expert in version control tools like GIT and SVN; build tools like ANT, Maven and Gradle; continuous integration tools like Jenkins, and issue-tracking platform like JIRA.
- Experience developing various web applications using Clojure Script for frontend and J2EE, Servlets, Elixir, Erlang, Clojure, for backend applications.
- Experience in Socket programming, IPC (Inter Process Communication) mechanisms under different OS/RTOS platforms.
- Experience in cross browser compatibility amongst Chrome, Safari, Firefox and IE.
- Good Experience with Envoy open, flexible platform to automate the workplace on one convenient dashboard.
- Handled unit testing using J-Unit as well as Test-Driven Development (TDD) methodology.

TECHNICAL SKILLS:
- **Languages:** Golang, C, C++ with OOPS, Java, J2EE
- **Operating systems:** Windows 8/XP/Vista, Unix.
- **Database and tools:** Oracle, MS SQL Server, DB2.
- **Testing Frameworks:** Unit Test, RSpec, Cucumber, JUNIT and Capybara
- **Methodologies:** Rational Unified Process (RUP), Agile (SCRUM), UML.
- **Frameworks / Architectures:** Spring, Struts, Hibernate, REST APIs
- **Web Tools/Technologies:** HTML, CSS, SASS, XML, AJAX, JavaScript, PHP, Bootstrap, jQuery and JSON, AngularJS, Node.js, React.js
- **Scripting Languages:** Shell scripting, Python, Ruby, Perl, Bash
- **Web/Application Servers/Container:** Apache, Tomcat, WE Brick, Mongrel, WebLogic, WebSphere, Passenger
- **Protocols:** HTTP/HTTPS, TCP/IP, SOAP, SMTP, REST.
- **Methodologies:** Agile, SCRUM, TDD, Design Patterns, Continuous Integration using CruiseControl

Professional Experience:

Intuit, CA   Nov 2021 -
Till date
==Golang== Developer

Responsibilities:

- Developed HTML, Swing and JSP pages for user interaction and data presentation using Python.
- Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash.
- Developed a multithreaded cache offline program in C++, supporting various user interfaces to deliver/process data for scalable, low latency applications.
- Developed UML Use Cases, Activity, Sequence, & Class diagrams using Rational Rose.
- Built an open-source SDK library for developers which handles user authentication and devices to ensure security and privacy.
- Implemented ==Golang== concepts like Interfaces, Channels, Exception Handling and goroutines wherever necessary in the application.
- Wrote microservices using ==Golang==.
- created a One - Off NoSQL Database to handle workflow in an efficient manner, written in ==Golang==.
- Created internal diagnostic tools using ==Golang== and Angular to assist with customer issues.
- Used GoCD to streamline complex CD workflow on AWS cloud environments.
- Provided security to GRPC and RESTful web services using JWT tokens and cryptography.
- Engaged in building APIs in Go using Protocol Buffers and gRPC.
- Developed GO APIs with Ginkgo as forefront driving the Test-Driven Development process.
- Implemented Jenkins for building and deploying of the applications and implemented force builds when the build fails.
- Utilized AWS Lambda platform to upload data to S3 buckets & trigger Lambda functions.
- Worked on integration of PostgreSQL database and handled CRUD operations.
- Developed SQL procedures for login module and implemented SQL queries to manage database interactions with data sources.
- Used GIT for creating development branches and pushing code to production branches.
- Created a docker container leveraging existing Linux containers and adding the ==Golang== services to create docker containers from scratch.

- Written Go code to read and write data to various NoSQL databases like Redis, MongoDB.
- Used Kubernetes to arrange deployment, scaling, and management of Docker Containers.
- Used Maven to run test suites on environments based on user specified external file.
- Compiled Golang programs with GO build command & tested locally in GO run statement.
- Used composite design pattern to differentiate between video file and playlist containers.
- Used SVN for source code control and followed Agile and Scrum Methodologies.
- Worked on Performance Improvement &memory leakage.

Technologies Used: GO, GoLang, Goroutine, Microservices, Channels, Gokit, ORM GORM, cli, Gorilla Mux, go-hystrix, godoc, JavaScript, HTML5, CSS3, Angular, React, Redux, bootstrap, Es6, Typescript, JSON web token, SSO/SAML, Elasticsearch, ginkgo, C++, Python, Bash, ErLang, gRPC, Java, MySQL, SQL, PL/SQL, MongoDB, Rest, GoLand, Google App Engine, GitHub, Rigor, Selenium, Jest, Mockito, Agile, Scrum, AWS EC2, S3, RDS, Google Cloud Platform, MAVEN, JSON, JIRA, Linux, Nginx, Slack, Zoom, Docker, Jenkins, Kubernetes, GoCD

Hines, Houston TX   May 2019 - Oct 2021
Golang Developer

Responsibilities:
- Involved in implementation of procedures for gathering the requirements from clients for solution demonstrations.
- Developed frontend and backend modules using Python on Django Web Framework with GIT.
- Responsible for configuration management, change control and checking design documents.
- Built enterprise-wide DNS historical data trending analysis tools in Golang with REST API for user queries as Microservices.
- Developed dynamic web pages using HTML5, CSS3, JavaScript, Angular 2, Bootstrap, LESS and Bootstrap.
- Used Golang to log different host system events and alert information to Oracle database.
- Compiled Golang programs using GO build command and tested them locally using GO run statement.
- Developed new RESTful API services that work as a middleware between our application and third- party APIs that we will be used using Golang.
- Created docker files, built docker images for microservices to run on Kubernetes platform.
- Created docker image for microservices files to orchestrate applications using Kubernetes.

- Used Maven to run test suites on multiple environments based on user specified external file.
- Integrated Jenkins to git where the build triggers automatically when we push a pull request for CI/CD.
- Created PDF reports using Golang and XML documents to send it to all customers at the end of month with international language support.
- Achieved concurrent transactions via Goroutines multi-threads.
- Implementing the routing technique in Golang using Gorilla mux as request router and dispatcher for matching incoming requests to their respective handler
- Worked on integrated go-hystrix dashboard in order to monitor spring micro-services using Circuit Breaker.
- Used Golang to log different host system events and alert information to Oracle database.
- Used GIT to maintain current and historical versions of files such as source code, web pages, and documentation.
- Deployed application on AWS EC2 instances along with connecting to Amazon RDS.
- Implemented logger for debugging using Log4j.
- Used JIRA tracking tool to manage and track the issues reported by QA and prioritize and take Action based on the severity.
- Used to test performance both on static and dynamic resources using JMeter.

Technologies Used: GO, GoLang, Goroutine, C++, Microservices, Channels, Gokit, ORM GORM, cli, Gorilla Mux, Go-hystrix, godoc, JavaScript, HTML5, CSS3, Angular, React, Redux, Bootstrap, Es6, Typescript, JSON web token, SSO/SAML, Elasticsearch, ginkgo, Python, Bash, ErLang, gRPC, Java, Spring, Hibernate, MySQL, SQL, PL/SQL, DynamoDB, Rest, Eclipse, Git, SVN, Selenium, Agile, Scrum, AWS EC2, S3, DynamoDB, Google Cloud Platform, Maven, JSON, Jira, Linux, hipchat, Zoom, Jenkins, Docker

Amdocs, Kansas City, KS   June 2017 - Dec 2018
Golang/C++ Developer

Responsibilities:
- Worked with Business users and stake holder for gathering business requirements and Convert the Business Requirements into User Stories using JIRA.
- Involved in developing code for obtaining bean references in Spring framework using Dependency Injection and Inversion of Control.
- Developed design documents including Sequence and Class Diagrams and Object Models.

- Utilized STL data structures and algorithms to achieve optimal design efficiency.
- Used data structures and design patterns including Singleton, Observer, Factory methods.
- Worked with GORM as Object Relational Mapping tool to perform DB operations with Node & Golang respectively.
- Performed UI development with technologies like HTML5, CSS3, JavaScript, Bootstrap, Angular.JS, Angular 2, TypeScript, jQuery.
- Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
- Developed functionality in Golang to authenticate UI users using LDAP packages.
- Designed the REST based Microservices using the Spring Data with JPA and used Swagger to interact with API end points of the Microservices.
- Developed RTR Data Processing services in Golang to process data in real time.
- Used STL to store Customer data as well as quick retrieval and updates.
- Developed C++ modules to send open contracts after reaching agreement with other parties.
- Implemented software load balancer including custom-developed SSL termination package.
- Developed GO API and chat-bot using TDD to automate software deployments & rollbacks.
- Worked on XML & JSON for transferring and retrieving data between different applications.
- Worked with AWS Infrastructure teams for configuring security groups and access controls.
- Created and modified build configuration files as well as maintained build related scripts developed in shell for Maven builds.
- Used Docker to virtualize deployment containers and push the code to EC2 cloud using PCF.
- Worked on writing complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
- Maintained the code using GIT as version control system and used Jenkins to deploy the application in CI/CD pipelines. Developed unit test cases using J-Unit & AMP Spring Test.
- Used JIRA to keep track of bugs to reduce downtime, increase productivity, & communication.

Technologies Used GO, GoLang, Microservices, JavaScript, HTML5, CSS3, Angular, Bootstrap, JSON web token, SSO/SAML, Python, ErLang, Java, Spring, Hibernate, MySQL, PL/SQL, Rest, Soap, Eclipse, Git, SVN, Junit, Selenium, Agile, AWS EC2, S3, Maven, JSON, XML, Jira, Linux, hipchat, Jenkins.

Unisoft Global Pvt. Ltd, India   June 2015 - Mar 2017

Web Developer

Responsibilities:

- Worked in Agile work environment with Content Management system for workflow management and content versioning.
- Involved in developing code for obtaining bean references in Spring framework using Dependency Injection and Inversion of Control.
- Involved in designing the Design Document, including Sequence Diagrams, Class Diagrams and Object Models.
- Developed front-end screens using Struts, JSP, HTML, AJAX, jQuery, JavaScript, JSON, and CSS.
- Worked on AngularJS directives and controllers for designing the web application and used its two-way data binding to achieve the feedback functionality from the user.
- Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using Bootstrap.
- Used jQuery plug-ins to implement features such as a light box, sliders, and other intuitive features.
- Utilized Spring annotations and XML configuration for Dependency Injection.
- Developed new and utilized existing Java Messaging Service interfaces to ingest crucial customer data from upstream systems.
- Involved in the development of RESTful web services using JAX-RS in a Spring based project.
- Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.
- Worked on XML and JSON for transferring and retrieving data between different applications.
- Created and modified build configuration files as well as maintained build related scripts
- developed in shell for Maven builds.
- Involved in the development of backend logic or data access logic using Hibernate and thus creating the object relational mapping with the Java beans in the application.
- Wrote services to store and retrieve user data from Oracle for the application on devices.
- Involved coding SQL Queries, Stored Procedures, and Triggers. Accessed stored procedures and functions using JDBC Callable statements.
- Implemented parallel development process in GIT by creating branches.
- Focused on Test Driven Development thereby creating detailed J-Unit tests for every single piece of functionality before writing the actual functionality.

Nihal N

- Addison, TX, US

Contact Information

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Work History

Total Work Experience: 9 years

- **<mark>Golang</mark> Developer Intuit, CA**
  Nov 01, 2021

- **<mark>Golang</mark> Developer Hines, Houston TX**
  Jan 01, 2019

- **<mark>Golang</mark>/C++ Developer Amdocs, Kansas City, KS**
  Jun 01, 2017

- **Web Developer Unisoft Global Pvt. Ltd, India**
  Jun 01, 2015

Skills

- **agile** - 8 years
- **angularjs** - 8 years
- **apache maven** - 8 years
- **git** - 8 years
- **restful** - 8 years
- **software** - 8 years
- **sql** - 8 years
- **api** - 6 years
- **continuous integration** - 6 years

- **mysql** - 6 years
- **svn** - 6 years
- **go** - 5 years
- **bootstrap** - 6 years
- **css** - 6 years
- **hibernate** - 6 years
- **java** - 6 years
- **javascript** - 6 years
- **json** - 6 years
- **spring** - 6 years
- **ui** - 6 years
- **xml** - 6 years
- **databases** - 4 years
- **dependency injection** - 3 years
- **jquery** - 3 years

Work Preferences

- Desired Work Settings: Remote or On-Site or Hybrid
- Likely to Switch: True
- Willing to Relocate: True
- Travel Preference: 100%
- Work Authorization:
  - US
- Work Documents:
  - Employment Auth. Document
- Desired Hourly Rate: 60+ (USD)
- Security Clearance: False
- Third Party: True
- Employment Type:
  - Contract - Corp-to-Corp
  - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice:
  https://www.dice.com/employer/talent/profile/b5a1499c78c206eea079bf8a2fcd6d79