

Summary:

- Having Around 9 years of extensive experience in Web Application Development, designing, testing, maintenance of web apps using C++ & Golang technologies.
- Good hands-on experience in designing, developing, implementing and deploying applications on cloud using AWS, Azure.
- 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 with its built - in concurrency features such asgo-routines, channels and strong knowledge on Go's templating language, router packages, such as Gorilla Mux, and the dependency management tools such as Godep.
- 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, GOkits, 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.
- 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.
- **Continuous Integration Tools:** Jenkins, Hudson, Bamboo, Team City, Octopus
- **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:

Shell Oil – Austin, TX

July 2022 - 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.
- Also worked on concurrency: goroutines and channels for library support. Extensively worked with godoc.
- Wrote microservices using **Golang**.
- Create and manage Terraform and CloudFormation templates as infrastructure as code.
- 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.
- Configuration of Azure DevOps including a multi-stage CI and CD pipeline for multiple projects.
- 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.
- Application Microservices deployment and management using Azure Service Fabric
- Improved the search strategy of elements with the help of sorting techniques in **Golang**.
- Extensively used Go's approach to concurrency using go-routines and channels.
- 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, Azure, React, Redux, bootstrap, Es6, Typescript, JSON web token, SSO/SAML, Elasticsearch, ginkgo, Terraform, 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

Amex- Phoenix, AZ

Mar 2020 – July 2022

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 event and alert information to Oracle database.
- Wrote a terraform GoLang provisioner for SaltStack that supports grains.
- 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 use 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.
- Written Unit Test Cases for all the developed use cases and did integration testing using Junit.
- 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 event 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, Terraform, 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

Merck- Madison, NJ

Aug 2016- Nov 2019

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 at 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

Avantel Sof tech Ltd, India

Jun 2014 – Aug 2016

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 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.

Sravanthi k

- Plano, TX, US

Contact Information

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Skills

- **angularjs** - 9 years
- **apache maven** - 9 years
- **configuration** - 9 years
- **git** - 9 years
- **restful** - 9 years
- **software** - 9 years
- **agile** - 7 years
- **amazon web services** - 7 years
- **api** - 7 years
- **continuous integration** - 7 years
- **jenkins** - 7 years
- **python** - 7 years
- **sql** - 7 years
- **bootstrap** - 8 years
- **css** - 8 years
- **javascript** - 8 years
- **spring** - 8 years
- **ui** - 8 years
- **unit testing** - 8 years
- **xml** - 8 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: False
- Work Authorization:
 - US
- Work Documents:

- Employment Auth. Document
- Security Clearance: False
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/262c9ec6c910f284a5763253a572363e>