Subrato Halder

Senior Golang Developer

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Hyderabad (

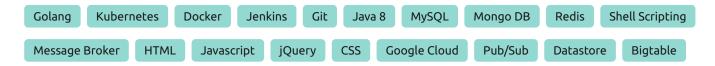
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github.com/subratohld 🧻

A highly competent and result-oriented professional with 9 years of experience in software development, automated unit testing, and building containerized solutions using golang, docker, Kubernetes, and cloud technologies. I have around 4 years of experience in REST API building using golang.

SKILLS



EXPERIENCE

Senior Golang Developer

DBS Bank

06/2020 - Present Hyderabad

Achievements/Tasks

- Developed REST API using golang, mux and Redis to retrieve available limit for a counterparty/country.
- Developed an email reading service using golang and Microsoft's Exchange Web Service, based on email blocking counterparty/country in Redis.
- Developed a module in import service to sync counterparties in the Redis database.
- Developed a module in the admin service that reads audit trade logs from application servers and persists them in MariaDB.
- Developed a script to view/update counterparties info and limit using bash and Redis CLI.
- Enhanced existing Jenkins scripted pipeline.
- Documented APIs using OpenAPI 3.0.

Cloud Engineer

Capgemini (Client: Schlumberger)

03/2018 - 04/2020

Achievements/Tasks

- Designed, developed, and deployed microservices using golang, docker, Kubernetes, GCP, draw.io, and VSTS.
- Ingested time-series data for gas membranes in BigTable.
- Implemented event detection, if anything goes wrong with gas membranes using message broker (pub/sub).
- Developed asset service to store gas/oil facility information in NoSQL database (Datastore).
- Developed REST APIs to fetch equipment time-series data, facility info, events using golang and gorilla mux.
- Mentor junior developers and guide them to achieve their KPIs/Goals.

Pune

EXPERIENCE

Senior Software Engineer

Tech Mahindra

12/2015 - 03/2018 Noida

- Achievements/Tasks
- Built REST APIs using spring MVC that is consumed by POS devices to onboard new customers, selling SIMs, doing Top-up, SIM Swap etc.
- Built Web application using Java 8, Spring MVC, AngularJs and MySQL for admin so that they can manage inventory and could see various reports.
- Created cronjob using spring to process reports provided by NCC (Nigerian Communications Commission), based the report
 enable/disable customers in the database and notify upstream steams like CRM/BRM to act on it.
- Created cronjob to sync inventories in database sent by PRM.
- Involved in high-level documentation of APIs like documenting request/response of APIs.
- Onsite L3 support in Nigeria.

Software Engineer

Shriv ComMedia Solutions Pvt. Ltd.

09/2012 - 12/2015 Noida

- Achievements/Tasks
- Developed web page to create surveys using JSF and SQL Server.
- Developed web page to add questionaries in surveys, you could create 14 types of questions like the single answer, multi answer, rating etc.
- Developed web page to gather surveys responses using JSP, jQuery and SQL Server.
- Created web page using JSP using that user could create custom theme and that theme is applied dynamically in response gathering pages.

PROJECTS

Digital Credit Check (DCC) (06/2020 - Present)

- DCC is one of the components of the trading system, its main responsibility is to check whether a counterparty has a sufficient limit to book a deal.
- Used Tools & Technologies: Golang, Redis, MariaDB, Maxscale, IBM MQ, JSON, Flatbuffer, Jenkins, ELK Stack, Shell Scripting, Lua Script etc.

Process IQ & Process Advisor (03/2018 - 04/2020)

- This is a web-based cloud solution built for the oil and gas industry to monitor real-time health and performance of equipment like gas membrane installed at facilities, in addition to that it can also predict the life of the equipment.
- Used Tolls & Technologies: Golang, Docker, Kubernetes, Google Cloud, Bigtable, Datastore, Pub/Sub (Message Broker), Cloud Storage, Stackdriver, JSON, Angular

NATCOM (12/2015 - 03/2018)

- This application has two components. 1) POS (Point of Sale) We have built an android application that runs on POS, using this application we use it to do customer KYC, selling SIMs, account recharge, and other VAS services. 2) Web App: This is built for admin users to allocate stocks to different users and to view different reports.
- Used Tools & Technologies: Java, Spring Boot, JPA, Hibernate, JBoss, MySQL, AngularJs, HTML, CSS

EDUCATION

PG Diploma in Advanced Computing

Centre for Development of Advanced Computing (C-DAC)

02/2012 - 09/2012

Pune

BCA

Dr. B.R Ambedkar University

04/2008 - 03/2011 Muzaffarpur