## KARAN GALGAT

### Software Engineer | Seeking full-time opportunity

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Delhi, India

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### **SUMMARY**

A highly motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills

### **EXPERIENCE**

## Software Engineer

#### **Quara Holding**

- August 2021 Ongoing
- Gurugram, India
- Integrated gRPC and RabbitMQ for efficient and secure interservice communication in microservices and building several syncing and notification modules.
- Integrated ElasticSearch to optimize the APIs in terms of search results, data filtering by using tokenizer and analyzer.
- Optimized DB performance by implementing indexing at several searched columns and adding multiple read replica set.
- Migrated static assets of 300+ GB data from ec2 volume to aws s3 and linked it CDN for faster rendering and on the fly resizing and optimization.
- Performed a in-depth analysis of different CDN services like Cloudfront, Cloudinary and Imgix to integrate in the application based on parameters like TTFB, DNS lookup, queueing etc.
- Explored and Integrated multiple tools like New Relic, Datadog and Dynatrace to monitor the production servers along with logging and debugging.
- Worked with storing, optimizing and filtering of large data set of geo coordinates and polygon data to be rendered across the web and mobile apps.

## Product Development Engineer Sugoi Labs

- **i** January 2020 August 2021
- Bengaluru, India
- Created authentication service for banking application based on OAuth 2.0 with multiple grant types support like client credentials, pass code, otp, password etc.
- Implemented several security measure like rate limiting, SQL injection prevention, adding security headers, upgrading SSL to TLS etc. to secure production servers.
- Designed a scalable real-time quiz application to be used for marketing purposes.
- Made a serverless Web application for online YOGA classes with support of subscription based billing model and video streaming.
- Integrated Artifactory as a repository center to store the docker images and npm modules for the better security of production servers.

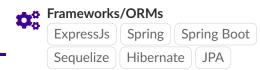
#### Junior Developer

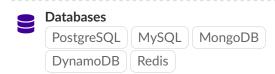
#### **Freequency Technology Solutions Private Limited**

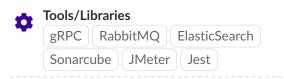
- **May 2018 January 2020**
- Delhi, India
- Built a Management tool to be used as a SaaS application with white labelling and other highly customizable options.
- Integrated GraphQL along with redis to optimize the APIs performance in terms of response time, throughput, latency etc.
- Worked on several 3rd party integration to enable online payment, social login, different notification channels.
- Implemented load balacing at NGINX for backend services on top of NodeJs clustering to add a significant performance boost server's throughput.

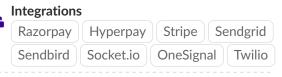
### **SKILLS**

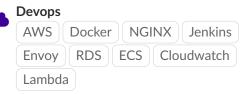














## **STRENGTHS**

Communication Analytical and Problem-Solving

Teamwork Leadership Drive and Initiative

## **EDUCATION**

# B.Tech. in Computer Science Rajasthan Technical University

**April** 2014 - May 2018

# Data Structure and Algorithms AlgoExpert.io

March 2022 - May 2022

# Systems Design AlgoExpert.io

i April 2022 - May 2022