

# KARAN GALGAT

Software Engineer | Seeking full-time opportunity

@ kgalgat0002@gmail.com

+91 9582162710

Delhi, India

kgalgat117

kgalgat117

kgalgat117

## 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

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



### Backend

Java NodeJs TypeScript Bash



### Frameworks/ORMs

ExpressJs Spring Spring Boot  
Sequelize Hibernate JPA



### Databases

PostgreSQL MySQL MongoDB  
DynamoDB Redis



### Tools/Libraries

gRPC RabbitMQ Elasticsearch  
Sonarcube JMeter Jest



### Integrations

Razorpay Hyperpay Stripe Sendgrid  
Sendbird Socket.io OneSignal Twilio



### Devops

AWS Docker NGINX Jenkins  
Envoy RDS ECS Cloudwatch  
Lambda



### Frontend

ReactJs JavaScript Bootstrap  
Ant Design

## 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

April 2022 – May 2022