# Anuj **Sıngh** Senior Software Engineer





#### PROFESSIONAL EXPERIENCE

Senior Software	Engineer -	Backend
Scillor Solitivale	LIIGIIICCI	Dackeria

ZEOTAP INDIA PVT LTD, Bangalore, India

#### August 2022

- > Managing the RBAC service and optimized the service responsible for role based authentication and providing eligible products and respective set of permissions. Reduced API latency down to 30%.
- > Designed and implemented an ingestion service which ingests events and enhances it with first party data from user graph and attaches 3rd party attributes based on user journey through non-blocking APIs and async I/O providing a complete user profile graph to create audience for targeting marketing campaigns.
- > Designed and developed the ingestion layer for non-scalar user data in graph storage to be queried linearly, also allowing enhancing, expanding or overriding original non-linear data allowing audience generation on both scalar and non scalar data.
- > Managing catalogue service, worked on feature to auto detect user's data's types and their significance and suggests standard catalogs for it. Worked on service linking non-user entities with user data.

Till Date

Java/Play Python/Django PostgreSQL Docker GCP

### Senior Software Engineer - Backend

Byju's, Bangalore, India

July 2021

- > Worked on live classroom feature, that can accommodate up to 30k users, with full-duplex audio, video & chat communication through breakout rooms.
- > Worked on CMS portal to build various features to automate content management tasks.
- > Worked for tutor management services to automate tutor allocation, and notify teams in case of change required in tutor allocation.
- > Worked on progress report of users by streaming data through multiple sources into centralised db and automatically triggering segregation of data and PDF generation on tests.

July 2022

Ruby on Rails Golang PostgreSQL Elasticache Docker AWS

### Software Engineer

### KNOWLARITY COMMUNICATIONS PVT LTD, Gurgaon, India

## July 2019

- > Worked on Knowlarity's core platform 'Knowlus'. Created service fail-over process from scratch to create call data records for calls that ended abruptly due to system failures, by maintaining session data cache in Redis.
- > Worked on Stackless-Python based application for tasklet-based programming & optimized multithreaded service to sync recordings and CDRs in real-time.
- > Worked on FreeSWITCH (open-source application for cloud and PBX communications), used ZeroMQ and RabbitMQ messaging library for building a PUB-SUB architecture for inter process communication & SQS for communication with other services.
- > Enhanced the monitoring tool which ensures that all the required processes are running as expected and trigger alerts on failure.

February 2021

Python/Django C PostgreSQL Redis RabbitMQ ZMQ

### Software engineer (Cyber Security Analyst)

COGNIZANT, Bangalore, India

August 2018

- > Worked on Infrastructure Security and recognising attacks from signatures and patterns.
- > Detecting percentage of confidence of live firewall logs to be malicious by running it through a service trained by previously stored firewall logs from know attacks or random simulations.

June 2019

Python | Shell script | Firewalls(Checkpoint) | MySQL

ANUJ SINGH - CV 1



B.tech, CSE Jaypee Institute of information Technology, Noida.

2018 **CGPA:** 7.7

Intermediate Lucknow Public School, Lucknow.

2013 **Score**: 86%

Highschool New Public School, Lucknow.

2011 **Score**: 76.3%

# **COMPETENCIES**

ProgrammingJava, Python, Golang, Ruby, C++/CFrameworksPlay, Django, Gin, Rails, Buffalo, FlaskDatabasesPostgreSQL, BigQuery, Scylla, MySQL

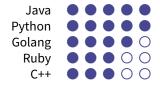
Caching Redis, ElastiCache

Queuing RabbitMQ, PubSub, ZMQ, SQS

Cloud Platforms AWS, GCP

Other Skills Git, Docker, Network Security

### Programming Languages



### **+** HOBBIES

- > Football, Cricket
- > Stock Market Trading
- > Photography
- > Mobile Gaming
- > Watching space documentaries

ANUJ SINGH - CV 2