

# Shivam Rathore

LOYALTY IS A TWO-WAY STREET. IF I'M ASKING FOR IT FROM YOU THEN YOU'RE GETTING IT FROM ME.

## Profile

I have ~4 years of experience in developing and maintaining scalable and high performant softwares and developer tools. I contribute to open-source projects and maintain a bunch of them.

## Employment History

### Senior Software Engineer, Appointy

JANUARY 2020 — PRESENT

- Currently, designing and developing a **platform framework for SAAS** companies.
- Developed a Background Workflow Management System, responsible for managing recurring processes, email, SMS, push notifications, payment subscriptions, etc. which helped **increase resource utilization by 50%**
- Developed & owned several internal systems comprising the **Core Scheduling Services** like appointments and meetings booking, & availability, shift and lease management
- **Optimized the heavy database usage** by restructuring data and database connection management
- Designed an IAM based **Roles & Rights Policy Model** for services in Appointy. It **automates the access control logic** and **saves a lot of time**.

### Software Engineer, Appointy

MAY 2018 — JANUARY 2020

- Designed & developed a **PostgreSQL type-safe ORM for Golang**, using Protocol Buffers as its IDL - Interface Definition Language, which **saved ~80% of the developer's work** in storage management.
- Developed the generic solution for data analysis and reporting system, using the background event handlers
- Designed a generalized solution for the identification & protection of user's PII: Personally Identifiable Information in all Appointy Services, which **helped in GDPR compliance**.
- Became an integral part of the core design & development team on the **Google: REWS Scheduling & Managing project** for Massage and Fitness management, since its design phase.
- Helped in designing a Go-framework for **building a spec-compliant GraphQL server** in Go by extending an existing framework [samsarahq/thunder](https://github.com/samsarahq/thunder)

## Open Source Projects

### nitishm/go-rejson, Maintainer

- go-rejson is a Golang client for [Redis Labs' RedisJSON](#) module with support for multiple Redis clients: [go-redis/redis](#) and [redigo/redis](#)
- Link: <https://github.com/nitishm/go-rejson>

### xqueries/xdb, Contributor

- An **experimental distributed SQL database** that is well documented, fully tested, and easy to understand.
- Link: <https://github.com/xqueries/xdb>

### go-freeGeoIP, Maintainer

- A Golang client for Free IP Geo-Location API service: [freegeoip.app/](#) with **inbuilt support of caching** to overcome the 15k per hour rate limit.
- Link: <https://github.com/Shivam010/go-freeGeoIP>

## Details

India

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## Links

[Github](#)

[Twitter](#)

[Website](#)

## Skills

Golang

PostgreSQL

Redis

Protocol Buffers & gRPC

GraphQL

C/C++ and Python

JavaScript & Typescript

MySQL

Git & Shell Scripting

Docker & Devtools

## Architectures

Micro-services • Using REST, gRPC & GraphQL

Components Based • Using Domain Driven Development

## Education

B.Tech. in Computer Science

NIT Bhopal

Gross GPA: 8.23/10.0