Mohan Barman

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ABOUT ME

I am a self-taught programmer who enjoys building software applications, with extensive experience in developing backend solutions.

LINKS

Github:// **Mohanbarman**
LinkedIn:// **mohanbarman**
Hackerrank:// **mohanbarman9711**

SKILLS

PROGRAMMING
- Javascript
- Typescript
- Python
- Golang
- Lua

FRAMEWORKS/LIBRARIES
- NodeJS
- ExpressJS
- NestJS
- Django/DRF
- WebSockets
- React
- Kafka

DATABASES
- MySQL
- MongoDB
- Redis

OTHERS
- Git
- AWS
- GNU/Linux
- gRPC + Protobuf
- Neovim, Tmux

CERTIFICATIONS

HACKERRANK
- JavaScript (Intermediate) [link]
- Node.js (Intermediate) [link]
- SQL (Intermediate) [link]

EXPERIENCE

CONSCENT | Sr. Backend Engineer
Mar 2023 - Present | Saket, Delhi
- Built backend APIs for an analytics dashboard that displays various metrics of user behavior on the platform example: Total time spent by a user on the website, Page views, Revenue generated, etc.
- Worked on User Journey a product that is used to target multiple target users based on their behavior helping clients generate more revenue by targeting potential users.

SQUAREBOAT | Software Engineer
Aug 2021 - Mar 2023 | Sector 44, Gurugaon
- Worked on a client project, involved in handling end-to-end client communications
- Implemented caching to reduce latency of APIs by 2-3x
- Moved heavy computations from monolith to distributed queue worker (celery)
- Improved localization performance by moving localization keys from the database to Redis

SMC GROUP | Full Stack Developer
Apr 2021 – Aug 2021 | Karol Bagh, Delhi
- Shipped internal messaging application - connects HR to employees using Telegram as backend.

CODESBLACK | Full stack developer
Nov 2020 – Apr 2021 (Full-Time)
Aug – Nov 2020 (Internship) | Rani Bagh, Delhi

MY WORK

MIKO-3 PARENTAL APP   Backend
A Personal AI robot made for kids. It has a parental app for both iOS and Android with some cool features. I was responsible for building the backend from scratch.
Features
- Video calling with the bot and the parent app.
- Subscriptions implemented with two different payment gateways Chargebee (International) + Razorpay (India).
- Localisation support for the complete app and the APIs with 6 different languages.

PlayStore - open link
iOS - open link
Tech Stack - Django DRF, Mysql, Redis, Flutter

GO-REDIS   Backend
A redis clone built using go on RESP protocol, recreated some basic features of Redis.
- Set and get the key value.
- Set ttl of the key, which will expire after the defined ttl.
- Persistence using AOF(Append only file).
- Hash map data structure support HSET and HGET commands.
- Accept concurrent TCP connections using goroutines.

Github - Mohanbarman/go-redis
Tech - Golang