

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](#)
Portfolio:// [mohanbarman.com](#)
Hackerrank:// [mohanbarman9711](#)

SKILLS

PROGRAMMING

- Javascript
- Typescript
- Python
- Golang
- Lua

FRAMEWORKS/LIBRARIES

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

DATABASES

- MySQL
- MongoDB
- Redis
- Clickhouse

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 webhook pipeline for sending events to the client(partner) for various events. implemented basic security features like hmac signature for webhook payload verification, idempotency key, retry policy etc. Tech used: Kafka, Cloud Task, NestJS
- Build Migration system for migrating recurring subscriptions from partner's Razorpay, Paypal to consent for smooth operation.
- Responsible for handling deployments in AWS then GCP
- Refactored the existing payment gateway code for easier integration of new payment gateways, implemented factory pattern with our currently supported payment gateways Razorpay and Paypal.
- Built payment gateway routing which is used to display different payment gateway based on the user's location with ability to show different payment gateways in country by targeting a percentage of users

SQUAREBOAT | SOFTWARE ENGINEER

Aug 2021 - Mar 2023 | Sector 44, Gurugram

- 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.
- Automated whole process of SMC's Telegram channel subscription which increased sales by approx 50% and decreased operation time

CODESBLACK | FULL STACK DEVELOPER

Nov 2020 - Apr 2021 (Full-Time)

Aug - Nov 2020 (Internship) | Rani Bagh, Delhi

Built multiple products from scratch which includes the following

- hifi english: An english learning application which connects teachers and students via video call. tech used: React Native, WebRTC, Javascript
- malgodee: Product listing application for a local business this involves 3-4 screens for listing products and a admin page for managing products. tech used: Flutter, Firebase(firestore), BLOC

MY WORK

GO-REDIS Backend

Built redis like in memory key value store database written purely in GO, implements some core redis commands like SET, GET, HSET, HGET etc. Also supports persistence which I achieved using AOF file.

Github - [Mohanbarman/go-redis](#)

Tech - Golang

view more at [mohanbarman.com](#)