

# Mohan Barman

mohanbarman.com  
mohanbarman9711@gmail.com | +91-9773960940

## 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

### DATABASES

- MySQL
- MongoDB
- Redis
- Clickhouse

### OTHERS

- Google Cloud Platform
- Azure
- AWS
- Kafka
- Git
- Linux Administration
- 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 conscent for smooth operation.
- Migrated CDN from GCP to Cloudflare resulting in 100% cost reduction for CDN.
- Migrated whole backend architecture from GCP to Azure

### SQUAREBOAT | SOFTWARE ENGINEER

Aug 2021 - Mar 2023 | Sector 44, Gurugao

- 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

### G-WORKTREE Neovim Plugin

A neovim plugin written in lua for managing git worktrees right from neovim instance. I use this plugin in my daily workflow with tmux.

Github - <https://github.com/Mohanbarman/g-worktree.nvim>

### GO-REDIS Backend

Key value pair in memory database written purely in GO implements the redis serialization protocol, commands supported like SET, GET, HSET, HGET etc. supports persistence which is achieved using AOF file and multiple TCP connections that is implemented using thread pool.

Github - <https://github.com/Mohanbarman/go-redis>