

Harjot Singh

Software Engineer

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PROFESSIONAL EXPERIENCE

Software Engineer

CustomerGlu [🔗](#)

03/2022 – present

Bangalore, India

- Initialized Support for Transaction to support Atomic DB Operations
- Created User and Events Based Segmentation as a core feature of CustomerGlu
- Published an in-house npm package to facilitate micro-service development
- Migrated various client level resource to common resource thus reducing cloud cost drastically
- Automated lambda deployments to ease out the deployment process
- Introduced retry mechanisms for Webhook triggers to increase its reliability
- Built nudge delivery service for real time nudge delivery via FCM/APNS
- Built Rich reward personalisation by substituting values from events and on top of them supported various real time mathematical expressions
- Introduced and implemented the Daisy Chaining Architecture based on user actions/attributes
- Created State Sync across critical components between backend and SDK's via MQTT [real time state change in app without re-launch, used self managed MQTT broker and serverless architecture to deliver messages to broker]
- Developed realtime outbound event emits to a Google spreadsheet with one click integration and also integrated various CDP's (CleverTap/MoEngage/Segment etc) in record time.
- Worked actively on day-to-day client feature/bugs requirements

Software Engineer Intern

CustomerGlu [🔗](#)

05/2021 – 03/2022

Bangalore, India

- Designed a Referral Reward System which supports multiple configurable activities, configurable rewards for each activity, configurable nudges, with dynamic referralLink.
- Reduced response times of some API's by rewriting it in a more efficient way [~80%]
- Improved various existing schema's to facilitate different REST API's.
- Developed Immensely configurable unique referralCodeGenerator & unique couponCode generator for our core feature of referral System in CustomerGlu
- Built serverLess architecture for cron Jobs.

EDUCATION

Btech

Lovely Professional University [🔗](#)

08/2018 – 07/2022

Punjab, India

Higher Secondary School School

SP Smart School [🔗](#)

03/2017 – 03/2018

Jammu, India

SKILLS

Nodejs | MongoDB | AWS | JavaScript | Redis | Go | Jenkins | Docker | C++ | React

AWARDS

Autum Hack II Winner [🔗](#)

Github /echoAR /ElasticSearch

01/11/2020

Web Mania 2.0 Winner [🔗](#)

LPU

12/2020

Winner of SIH Internal Round

LPU

01/2020