

# Siddhant Agarwal

## Software Engineer

A competent coder, having rich experience of building distributed, highly scalable systems. Having penchant for learning and experimenting with newer technologies adopting them to build highly performant systems.



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## WORK EXPERIENCE

### Product Engineer

#### Gojek

06/2019 - Present

Bengaluru

##### Achievements/Tasks

- Worked on the Unified Order History system which gives history of orders from various verticals as an unified service. Improving the retention of historical orders from 15 to orders up-to 4 months.
- Worked on Number Masking Project, which makes the callees like customers/drivers anonymous to each other. revamped the existing system to make it compatible with all the verticals of the ecosystem.
- Led the launch of multi-country unification of the product for the Communication team collaborating, drafting changes needed to done in the existing services.
- Maintaining and improving various communication channels that power the Gojek ecosystem like Push Notification, Emails, SMS, Calls, etc, Consolidating and bringing them under one unified platform to make the integration process seamless and eliminate redundancies across products.

### Senior Software Engineer

#### Ziploan

09/2018 - 06/2019

New Delhi

##### Achievements/Tasks

- Wrote the entire system for a business community social network for connections, chat, etc. Including maintaining, scaling the infrastructure. Setting up various analytics pipelines, dashboards for the system.

### Software Engineer

#### CultureAlley(HelloEnglish)

06/2016 - 09/2018

Jaipur

##### Achievements

- Created a system to determine user expertise level in English based on IRT Theory, Generate Adaptive tests based on user expertise, all implemented as an API for the main app's consumption.
- Developed voice recognition APIs with functionalities like accent feedback, speech-rate, accuracy insights. Built a chat-bot using Google Dialog-flow.
- Worked on maintaining existing back-end infrastructure, handling CI/CD on AWS backed services. Cost reduction by moving applications on spot instances.
- Wrote Swift wrapper for C library for offline voice recognition.

## TECHNICAL SKILLS

### Languages

Golang, Python, C

### Platforms

Linux/Unix

### Cloud Services/Tools Familiar with

AWS, GCP, Jenkins, Elasticsearch, Redis, Kafka, RabbitMQ, NATS, Drone, Docker/Kubernetes

## SKILLS

Distributed Systems

System Design

Backend Development

Automation

Prototyping

## EDUCATION

### B.Tech (CSE)

#### Jaypee University of Engineering & Technology

06/2012 - 06/2016

8.1/10 GPA

## PERSONAL PROJECTS

### CryptoMon

- A cryptocurrency portfolio manager to monitor investments with news monitoring to actively manage the investments.

### Willow

- A real-time educational game to teach English from any regional language.

## ACHIEVEMENTS

### Won #1 in GDG Jaipur Hackathon

Android app which teaches new languages using multiplayer games.