# Rupesh Harode

Mumbai, India

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## Skills

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|---|---|
| **Languages** | Python, JavaScript, C++/C, Golang |
| **Framework/ Technology** | Django, ReactJS, GraphQL, REST API, Hasura, AWS, Go-kit, Redis, Docker |
| **Open Source** | Sofa-Framework, Rspamd, Sympy, Coala |
| **MOOC** | Algorithms, Parallel Programming, Machine Learning |

## Experience

**Lido**  *Mumbai, India*
SOFTWARE DEVELOPMENT ENGINEER  *August 2019 - present*

- Implemented major back-end features like Leaderboard, Rewards, Competition and Compensation for all dashboards and integrated them with UI to improve overall user experience and increase user-engagement.
- Setup communication pipelines to send messages using third-party services like Gamooga and Kerix increasing delivery rate from 45% to 67%.
- Implemented AWS Lambda functions that read data from Kinesis streams and perform data aggregations on top of existing DB tables using Hasura event triggers.
- **Leveraged Knowledge:** GraphQL, PostgreSQL, AWS, Hasura, Redis, Kafka, Ably.

**Greedy Game**  *Bangalore, India*
SOFTWARE ENGINEER INTERN  *June 2019 - August 2019*

- Integrated Prometheus and Grafana to monitor data and manage alerts using Go-kit toolkit.
- Implemented a middleware as a Go package for logging into prometheus.
- **Leveraged Knowledge:** Golang, Go-kit, Prometheus, Grafana.

**Google Summer of Code**  *Bangalore, India*
STUDENT DEVELOPER  *April 2018 - August 2018*

- Improved the communication plugin by adding VRPN and QSerial protocols into the communication plugin.
- Added tests and documentation for these protocols and enhanced the test coverage to 96%.
- **Leveraged Knowledge:** C++, QtCreator, VRPN, QSerial, Cmake

**Naxap**  *Remote*
SOFTWARE ENGINEER INTERN  *August 2017 - October 2017*

- Implemented web-crawlers for 15+ torrent websites to crawl information essential for the search engine.
- **Leveraged Knowledge:** Python, Scrapy, Design Patterns.

## Projects

- **Multiplayer Quiz** ○
- Django based Web-application mainly focusing on API and Schema which allows users to participate in a multiplayer quiz.
- Implemented functionality like registration, login, adding question, creating game and playing game with a leaderboard to view progress of all users.

- **Hackathon 3.0** ○
- Django based Web Application which shows most cleaned toilet nearby built as part of Hackathon, developed on top of GoogleMaps API.
- A real-time feedback system built using AJAX and Jquery integrated with backend to plot graphs and recent data on UI.

## Education

**Shri GS Institute of Technology and Science**  *Indore, India*
BACHELOR OF ENGINEERING IN ELECTRONICS AND TELECOMMUNICATION  *July 2015 - May 2019*

## Leadership Experience

**CodeFoster**  *SGSITS Indore*
TECHNICAL LEAD  *August 2016 - Feb 2019*

- Supervised all the club activities which involves organizing coding events, workshops and internal discussions.