

RIKEN KALPAN SHAH

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EDUCATION

Bhagwan Mahavir Polytechnic

Diploma Computer Engineering | CGPA:9.53

Gujarat, India

May 2019 – Expected August, 2022

EXPERIENCE

Mela

SWE

Bangalore

Aug 2021 – Present

- Implemented the referral feature from scratch in express-node API codebase.
- Implemented the coupon feature.
- Improved the existing cron jobs to reduce recurring failures to 95%.
- Modified the codebase to cut the resources space by 76% for client builds.
- Developed a feature to enable live-device tracking for delivery module in react-native app codebase.
- Implemented the custom splash screen feature for client apps.
- Managing the micro service that automates the play store upload and update.
- Managing the micro service that builds the client APK.

Google Summer of Code @ Zulip

Student Developer

Remote

May 2021 – Sep 2021

- Implemented emoji support for user status feature with the help of Django and jQuery.
- Lowered failure rate of the puppeteer test suite by improving tests and solving various non-deterministic failures.
- Developed a script that helps save around 7GB of disk space on the server by removing unnecessary yarn cache.
- Built a markdown panel for developers, which compares the result between marked.js and python markdown side by side.

Winter of Code @ DSC IEM Blog

Student Developer

Remote

Dec 2020 – Jan 2021

- Built notification feature for a blog app from scratch using Django and jQuery.
- Implemented subscribe/unsubscribe feature for blog notifications.
- Awarded one of the top contributors of the program out of 300+ participants.

CureHat

Frontend Intern

Remote

March 2020 – May 2020

- Worked closely with the founder and a team of 2 to develop the frontend of the web app using React, Redux, and Saga.

PROJECTS

Instagram Bot [Selenium, Tinydb, MediaWiki, AWS, and Pillow]

Aug 2020 - Nov 2020

- Created a bot that manages an instagram quote page - Creating a post from text to searching on wikipedia for caption and finally posting on Instagram.
- Developed a feature to greet new users, and like comments from users.

Hand Detection Model [Tensorflow, Keras, Numpy, Google Cloab and GCP]

Jul 2019 - Jan 2020

- Devised a deep learning model to detect hands in real-time with the help of TensorFlow Object Detection API and Model Zoo (transfer learning).

RELEVANT SKILLS

Languages:

Python | C++ | Javascript | SQL | HTML/CSS

Frameworks:

Django | Flask | Puppeteer | React | Tensorflow | MongoDB | NodeJS | Selenium | JQuery

Platforms:

MacOS | Web | Windows | Amazon Web Services | Google Cloud Platform | Kubernetes

Tools:

Git | MongoDB | PostgreSQL | GitHub | Firebase | Docker | CI/CD | RabbitMQ | Celery

AWARDS AND ACHIEVEMENTS

Competitions:

Won Code Storm, a 3-round competitive coding competition with more than 200+ participants.