

# Rohan Lekhwani

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## EDUCATION

### UMASS AMHERST

MS IN COMPUTER SCIENCE

Exp: May 2024 | Amherst, MA

### IIIT PUNE

B.TECH. IN COMPUTER SCIENCE

Jun 2021 | Pune, India

CGPA: 9.33 / 10.0

Department Rank 1

## COURSEWORK

### COURSES

Machine Learning

Cloud Computing

Distributed Operating Systems

### MOOCS

Aerial Robotics (UPenn)

Machine Learning (Stanford)

Conv. Networks (CS231n - Stanford)

Startup School (Y Combinator)

## SKILLS

### LANGUAGES

Python, Typescript, C/C++,

Ruby, Java

### FRAMEWORKS

Terraform, Kubernetes, Django,

Ruby on Rails, Express, MongoDB

### SOFTWARE

Google Cloud, Anaconda, MATLAB,

Android Studio, Git.

## HONORS

**Best Innovation Award** in Computer Science - ICICC, UIIA 2020

**Top 1%** in Missing Hackathon out of 2500 participants

All India Rank **27** and city rank **1** in NEST - 1, 2017

Ranked in the **0.39%** out of **1.3 million** candidates in JEE 2017

## ACTIVITIES

**Mentor, Google Summer of Code**

Mentoring **two** projects at GSoC 2022

**Head Codechef Chapter**

Started InfNITy a competitive programming contest, held annually with **12,000+** submissions

## EXPERIENCE

### GOJEK | SOFTWARE ENGINEER

Jul 2021 - Aug 2022 | Bengaluru, India

- Led Skynet, infrastructure as code built to onboard **1300+** internal applications.
- Architected the internal DNS infra using **Cloud DNS** and DNS peering.
- Extended Cerebro, IPAM tool that manages **5000+** IP ranges for all teams.

### GOOGLE SUMMER OF CODE | ROCKET.CHAT

May 2021 - Aug 2021 | GitHub

- Developed Poll Plus for Rocket.Chat which has been downloaded **900+** times across all servers. (Report | App)

### ROCKET.CHAT | OPEN SOURCE CONTRIBUTOR

Dec 2020 - Present | GitHub

- Maintain **RC4Community** - componentized platform for communities.
- Other projects: ContriBoard, RC4GitHub, Rocket.Chat (Contributions)

### GOJEK | PRODUCT ENGINEERING INTERN

May 2020 - Nov 2020 | Bengaluru, India

- Built an autocomplete feature, now packaged within the internal CLI.
- Revamped PaaS app deployment portal that drove MAU from **250 to 450**.
- Started zigurat-web, the **first** open-sourced project of my team.(GitHub)

### DRDO | RESEARCH INTERN

Dec 2018 - Jan 2019 | New Delhi, India

- Modelled an e2e ML architecture to predict landslides with **94%** accuracy.
- Trained on **1 million** geospatial samples between Rishikesh and Gangotri.

### C-DAC | PROJECT INTERN

Jul 2018 - Aug 2018 | Pune, India

- Engineered a **MongoDB** backed **NodeJs** application with feedback mechanism.
- **Translates** website contents from English to regional languages and vice versa.

## PROJECTS

**Someity** - Chrome based extension to make websites across the Internet more accessible without changing a single line of source code. (Webstore | GitHub).

**Winner of Hack-cessible hackathon. Winner of Pitch Perfect.**

**MemeBuddy** - Typescript based app that can send memes fetched from Reddit within Rocket.Chat rooms and LiveChat widget. **500+** downloads. (App | GitHub | Blog)

**ALPR for Indian Vehicles** - A framework trained on **2500+** images to extract text from license plates and automatically bypass CAPTCHA of an Indian vehicle database to get vehicle and owner information. (GitHub)

**IIIT Pune App** - Firebase backed Android App for the Institute that registered more than 100 downloads within a day of its release. More than **200 5-star reviews** on Play Store. Current rating - 5.0. (Google PlayStore)

## PUBLICATIONS

- [1] Fast voxel to coordinate hand pose estimation with 3D CNNs. Springer.
- [2] Modeling and predicting the COVID-19 trajectory in India. IEEE Xplore.