

# Zubin Choudhary

<https://www.linkedin.com/in/iamzubin>  
<http://github.com/iamzubin>

Email: [zchoudhary10@gmail.com](mailto:zchoudhary10@gmail.com)  
+91 8871516637

## EXPERIENCE

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### Google summer of code

Developer, Fedora Project ( RedHat )

March 2019 - Aug 2019

- Build a Graphical User Interface (GUI) based Linux application that allows testers to download, test and review packages available on the testing platform.
- Tested the application thoroughly and built packages for the distribution.
- Migrated the the deprecated Python2 API endpoints and dependencies to Python3.

### Taritas

Software Developer Intern

May 2018 - July 2018

- Built an Android and iOS using cross platform building technologies.
- use Google Maps and Apple maps functions and APIs.
- Built API endpoints for the application using **Microsoft's Azure service**.

## PROJECTS

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### FaceRec based public transportation wallet

Hackathon Project - Microsoft Imagine cup Asia Finalists

- A one shot learning algorithm with an accuracy of 98%
- Automated calculation of ticket pricing by calculating shortest way to reach the location by using metro connectivity.

### Linux Drivers for unsupported peripheral

System Drivers - Self project

- Sniffing Data using pre-existing drivers available for other operating systems
- Reading Raw data over the USB receiver and comparing it with the sniffed data
- Running a daemon that provides the input using input libraries

### Licence Plate Recognition based Toll

Hackathon project

- Number plate detection using OpenCV
- OCR number plate recognition for database

## ACHIEVEMENTS AND LEADERSHIP

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### Microsoft Imagine Cup

Hackathon - Asia Finalists

2020

- One of the **Top 10 teams** selected from Asia-Pacific **APAC (18 countries)**.
- My work was to make the registration of face easy and working on integrating **Azure's Face API**.
- The team created a solution for bottle necked gateways in a daily commute: specifically the entry and exit points at metro stations

### Google Code-in Mentor

Mentorship

2020

- Open-source project mentor for new contributors. Reviewing tasks, helping students in learning about development environment and tools.

### Smart India Hackathon (SIH)

Hackathon

2020

- Opportunity to present our project to the government and gain knowledge in the working of the industry.
- Got selected for Smart India Hackathon in under the transportation project where we improve the efficiency of the transportation

### Sherlocked

Student club head

2020

- Opportunity to present our project to the government and gain knowledge in the working of the industry.
- Got selected for Smart India Hackathon in under the transportation project where we improve the efficiency of the transportation

## EDUCATION

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### Bennett University

Bachelor of Technology in Computer Science and Engineering

Greater Noida,Uttar Pradesh, India  
May 2021

## PROGRAMMING SKILLS

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- **Programming Languages:** Intermediate: Python, JavaScript | Working Knowledge: C, C++, Java
- **Technologies:** Linux, node.js, AWS, PyQt5