

# Ishank Sharma

Engineering Student

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## EDUCATION

### Bachelor of Engineering (B.E) - Information Science and Engineering

Ramaiah Institute of Technology Bengaluru

2017 - 2021

## PROJECTS

### Police Patrol Allocation for NCRB (Winner Smart India Hackathon - 2020)

- A smart patrol allocation and monitoring system
- Real time visual overview of hot zones, and patrolling cars
- Live alerts on the map, as well as SMS notifications to police on where they need to go
- Find shortest route to reach allocated zones
- Live Demo: <https://ishank-dev.github.io/Beats-Allocation-SIH/fly.html>

### Developers Planet

- Social Networking platform for developers to share their day to day experience
- Features: personal news feed, follow accounts, create posts, like and comment on posts
- Explore section with trending topics
- Project Link: <https://github.com/ishank-dev/TheDevelopersPlanet>

### Book Reader for Dyslexic People

- A browser-based EPUB reader to make books more readable for dyslexic people
- Supports recommended fonts for dyslexia
- Project Link: <https://github.com/ishank-dev/Dyslexic-Reader>

### Open Source Contributions - Internet Archive

- [Archive.org](https://archive.org) - [Added support](#) for zooming in/out with keyboard on safari browser, and [increased](#) test coverage
- [OpenLibrary.org](https://openlibrary.org) - [Added metadata](#) to open the library's index page for better search engine optimization
- [Bookgenomeproject.org](https://bookgenomeproject.org) - Added an [XML parser](#) to books present at internet archive that identifies page types. Also [introduced](#) more stop words for better text cleanup

## VOLUNTEER EXPERIENCE

### Core Member and Web Admin

Developer Student Club - Ramaiah Institute of Technology

2018 - Present

<http://ritdsc.herokuapp.com/>

Help the day to day club activities, manage the club's website, conduct coding events, hackathons, and technical workshops.

#### Events Conducted

- Google Cloud Platform Workshop : 300+ participants
- Local Hack Day : 40+ Teams
- Web Dev mentor at coding bootcamp for new students
- Ideation + Bug Bounty event virtually with over 150 + participants

## LANGUAGES AND TECHNOLOGIES

DataStructures

Algorithms

C/C++

OOPs

Python

REST APIs

Python

JavaScript

NodeJS

AWS EC2

Java

SQL

Google Actions

Git

MapBox

MapMyIndia

## WORK EXPERIENCE

### Backend Intern

#### Fitness Traker Pvt Ltd

06/2020 - Present

Remote

Early-stage health tech startup

Achievements/Tasks

- Building and managing REST APIs integration
- Responsible for hosting the backend on AWS EC2
- Tech Stack - NodeJS, MongoDB, AWS

### Web Development & SEO Intern

#### Art Culture Festival

06/2019 - 08/2019

New Delhi, India

Art Culture Festival is a curated guide for art culture happenings across the world.

Achievements/Tasks

- Styled and Designed the Front End Components
- Improved and managed the website performance on various search engine platforms and boosted over 20 keywords rank
- Managed Social Network accounts via HootSuite to boost the company's reach

## ACHIEVEMENTS

### Winners Smart India Hackathon 2020

Team Avocado. We made a solution to the problem by the National Crime Records Bureau. "Digitalize, automate, and optimize daily life operations of Indian police"

### Runners Up - Microsoft IncubateIND Innovation Series Hackathon

Extension of Women Suraksha project that used MapmyIndia APIs and SDKs to alert family and emergency services in case of distress.

### Runners Up - Reverie Language Hackathon

Used reverie translation APIs to let a shopkeeper and buyer, speaking different languages, interact.

### Honorable Mention- GE Healthcare Precision Hackathon

Hospital Internal workflow Automation by reducing patient wait times.

### Runners Up IEEE Ideathon

Worked on the theme of Societal Needs.

### Top 4 - Codefury 2.0 Hackathon

Built an NLP based application that extracts details from user's feedback