

# Ishank Sharma

Engineering Student

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## EDUCATION

### B.E Information Science and Engineering Ramaiah Institute of Technology Bengaluru

2017 - 2021

## WORK EXPERIENCE

### Backend Intern Fitness Tracker PVT LTD

06/2020 - 09/2020

Remote

Early Stage Health Tech Startup

Achievements/Tasks

- Primarily worked on the daily records API that saves and calculates the daily steps walked by the user
- Built and managed REST APIs for app's backend
- Automated API testing on Postman
- Documented all the API endpoints

### Open Source Contributor Internet Archive

03/2020 - 06/2020

Internet Archive is a non-profit digital library offering free universal access to books, movies & music, as well as 486 billion archived web pages.

Achievements/Tasks

- Archive.org** - [Added support](#) for zooming in/out with keyboard on safari browser, and [increased](#) test coverage
- OpenLibrary.org** - [Added metadata](#) to open the library's index page for better search engine optimization
- 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

### 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

- Worked with the Front End team to design and style the front end components of the software dashboard
- Improved the website's search rank and boosted overall keywords rank on the various search engine platform
- Single handedly managed various other functionalities, that allowed users to create their account on the portal

## POSITION AND RESPONSIBILITIES

### Google Developer Students Club - Core Team Member

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

## LANGUAGES AND TECHNOLOGIES

DataStructures

Algorithms

C/C++

OOPs

Python

JavaScript

NodeJS

Express

REST APIs

Backend Development

Git

MapBox

Postman

WebDevelopment

Google Actions

## PROJECTS

### Beats Allocation and Navigation 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 : A fun community of developers

- 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

### Dyslexic Reader

- A browser-based EPUB reader to make books more readable for dyslexic people.
- Supports recommended fonts for dyslexia

### Developers Student Club Official Website

- Built the college's developers student club coding club website.
- Responsible for maintaining and managing the website.

## 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 Rakuten Codefury Hackathon

Built a tool to get more detailed overview of udeemy reviews to help the content creators get better insights about their courses