

Ishank Sharma

Engineering Student

I am a final year ISE undergraduate student passionate about **building tools for developers**, contributing to **opensource projects**. I am also the core team member of **Google Developers Student Club** through which I ensure that the tech culture in my college keeps improving.

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EDUCATION

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

2017 - 2021

CGPA: 8.3

WORK EXPERIENCE

Backend Intern Fitness Tracker PVT LTD

06/2020 - 09/2020

Early Stage Health Tech Startup

Remote

Achievements/Tasks

- Primarily worked on the daily records API that saves and calculates the daily steps walked by the user
- Automated API testing on Postman
- Single handedly wrote the complete 70 pages technical documentation for 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

- Archive.org** - [Added support](#) for zooming in/out with keyboard on safari browser, and [increased](#) test coverage
- OpenLibrary.org** - [Added metadata](#) to open 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
- BookReader** - Built a demo [feature](#) for selecting text from images using mouse cursor

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

EXTRA CURRICULAR ACTIVITIES

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.

SKILLS

DataStructures

Algorithms

C/C++

OOPs

Python

JavaScript

NodeJS

Express

REST APIs

Git

UI Development

Backend Development

MapBox

Problem Solving

Technical Writing

Data Visualisation

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>

NodeJS Mock Server

- Let's front-end developer make REST APIs who need a quick back-end for prototyping and mocking with zero coding required
- Persistent storage in your file system with all the CRUD operations
- Filters supported: search, sort and order by ascending or descending

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

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.