

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

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
- 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.

LANGUAGE AND TECHNOLOGIES

Data Structures

Algorithms

OOPs

Python

C/C++

Javascript

HTML

CSS

REST APIs

Matplotlib

Data Visualisation

Git

MapBox

NodeJS

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
- Project Link: <https://github.com/ishank-dev/TheDevelopersPlanet>

Dyslexic Reader

- 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>

Developers Student Club Official Website

- Worked on the front-end of our coding club website
- Project Link: <https://github.com/DSC-RIT/DSC-Website-New>

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 Incubate!ND 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.

First Runners Up SIH Internal Hackathon

Built an app for police and citizen to provide services like crime record management, evidence handler, alert management, and filing complaints

Runners Up IEEE Ideathon

Worked on the theme of Societal Needs.