

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** - [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

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

Javascript

NodeJS

HTML

CSS

REST APIs

Data Analytics

Data Visualisation

AWS EC2

Google Actions

Git

MapBox

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

- 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 along with boosting Alexa rank
- Single handedly managed various other functionalities, that allowed users to create their account on the portal

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