Ishank Sharma

Engineering Student

I am a Final Year Undergraduate Student passionate about **building tools for developers**, working on **collaborative projects** and contributing towards **open source**. I am also the core team member of **Google Developers Student Club** where I ensure that the tech culture in my college keeps improving.

✉ ishankdev@gmail.com   📱 +91-8920032466   📍 Bengaluru   🌐 ishank-dev.github.io/   ⊙ github.com/ishank-dev

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   *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
- 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 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.

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: ttps://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.