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 Technlogy ⧉

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` `REST APIs` `Data Analytics` `Data Visualisation` `JavaScript` `NodeJS` `AWS EC2` `SQL` `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
- Styled and Designed the Front End Components
- Improved and managed the website performance on various search engine platforms and boosted over 20 keywords rank
- Managed Social Network accounts via HootSuite

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
Built an NLP based application that extracts details from user's feedback