SAHIL SINGH RAWAT

Software Development Engineer

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PROJECTS

Intelligent Post Lockdown Management System

- A post-Covid Transportation Management System that worked on day distribution model basis with Aadhar number of users.
- Developed using **NodeJS**, **Flutter**, **ExpressJS**, and **FireBase** this project could help in reducing on average more than 57.14% population travelling on a single day in Public Transport

Estimation of Crop Yield Using Modern ICT Tools

- A complete solution was developed for estimating the crop yield using a mobile application, web application and SMS based API services.
- Contributed to web application which was Built Using **Flutter**, **NodeJS**, **FireBase**, **ExpressJS**, **Twillio**, and **APIs**, this could results in reducing the wastage of crops and loss of farmers to a great extent

Workflow Management System

- Web application focused on tracking and managing tasks and project using a technique based on Kan-ban Board.
- Built Using **NodeJS**, **FireBase**, **ExpressJS**, **APIs**, This Helps in cutting down around 30-50% of time required in managing tasks.

Art Gallery Management System

- **CRUD** based Web application for inventory management of Art Gallery.
- Created using **PostgreSQL**, **Django**, **Bootstrap**, and **Javascript**

Vaccine Supply Management Using Block-chain and IoT Tools

- **Research**, **Block-chain**, **RemixIDE**
- A Research-based project where we Proposed a block-chain based model for vaccine supply management

Share The Needs

- A Platform to share Essential Resources in a pandemic situation, Where Volunteers can organize donation camps.
- Contributed by building the web application which was developed using **Flutter**, **Firebase**, **APIs**, **NodeJS**, and **Google Maps API**

SKILLS

Python   JavaScript   Java   HTML   CSS
NodeJS   Django   React   Flask   MongoDB
MySQL   FireBase   PostgreSQL   Github
Git Version Control   DSA   Blogging

ARTICLES

- Guide to Bug Bounty Hunting and Web application Security
- LemonDuck (Cryptominer) Malware Analysis
- Intro To C Language - (Series)
- Intro To Network Hacking and Securing Them - (Series)

PROFILES

- Blog : www.sahilsinghrawat.in
- Portfolio : www.sahilsinghrawat.co.in
- HackTheBox : jhnwck
- TryHackMe : sahilrawat
- Twitter : sahil_s_rawat

ACHIEVEMENTS

- **Smart India Hackathon 2020 Winner:** Delivered a solution for estimation of crop yield using modern ICT Tools.

- **IBM Hack Challenge Winner:** Worked on problem statement Intelligent Post Lockdown Management System

- **Innovative Category Award:** DSC WOW Hackathon, a collaboration of various Google Developer Students Club

- **Grand Finalist at Covideate IIT Bombay:** An ideathon organized by Techfest IIT Bombay.

- **Paskathon 2.0 Runner-up:** Organized by ACM Pune Professional Chapter in association with PICT ACM Student Chapter

- **Hult Prize Campus Round, Runner-up:** A startup based Hult Prize Competition in the campus conducted by NIIT University, Neemrana

- **NUHacks 1st Runner-up:** Designed and curated ideas that would lead to a smart and sustainable future

- **Coordinator of Chess Club** Acted as the Coordinator for University Chess Club and led various tournaments

EDUCATION

B.Tech Computer Science and Engineering

NIIT University

📅 August 2018 – May 2022
🎓 CGPA: 9.23