SAURABH RAJ

Pre-Final Year Student

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EDUCATION

B.Tech. (Electronics & Computer Engineering)
SRM Institute of Science & Technology, KTR

📅 July 2019 – 2023   📍 Chennai, India

- CGPA = 9.76/10

Senior Secondary (XII), Science
Kairali School

📅 June 2017 – May 2019   📍 Ranchi, India

- Percentage= 73.8%

Secondary (X)
Bridgeford School

📅 April 2016 – May 2017   📍 Ranchi, India

- CGPA= 10/10

EXPERIENCE

Google
BGN Hackathon

📅 March 2021   📍 Online

- 1 of 65 participants selected from all over world. In a team of 7, developed an application "LabelDuck", to help aid small businesses with easing the process of labelling datasets.

MedTourEasy
Data Engineer Intern

📅 February 2021   📍 Online

- 4 Weeks Training: 3 Weeks for Data Engineering with Python Course Completion and in 4th Week, worked under the supervision of project mentor and developed the project entitled "Analysis of Chemical Components".

Bright Network, United Kingdom
Internship Experience UK

📅 June 2020   📍 Online

- 3 Day's Internship: Day 1 - Attended expert skills sessions by companies - Goldman Sachs, EY, Vodafone, Google, LBG, Bloomberg, Amazon. Day 2 - Started working on assigned project. Day 3 - Completed the project and received feedback.

TECHNICAL SKILLS

- C/C++, Java, Python, HTML, CSS, Git, Github
- Reactjs, React Native, Flutter, SQL, Machine Learning

PERSONAL SKILLS

- Having Leadership Qualities, Ability to work under pressure, Ability to take initiative to solve problems.

PROJECTS

LabelDuck (Google's BGN Hackathon)

- https://github.com/rajsaurabh1000/Google-BGN-Hackathon-2021
- Flutter App to help aid small businesses with easing the process of labelling datasets. It allows Startups to provide with data they need labelled. Then processes this through a pretrained model, which sends obscure data with accuracy lower than 95% to users through crowdsourcing. The users are then able to label and collect incentives along the way.

Covid-19 Chest X-ray detection

- https://github.com/rajsaurabh1000/Covid-19-Chest-X-ray-detection
- COVID-19 spreads very easily and the number of positive cases are growing at a high exponential rate. If we do not take necessary measures and utilize all possible diagnostic tools, it would take us a significantly longer amount of time to combat this pandemic. Built a machine learning model that takes X-ray images of patients, will analyze and detect if the patient is COVID Positive or Not.

Analysis of Chemical Components

- https://github.com/sr1349/Comparing-Cosmetics-by-Ingredients
- Created a content-based recommendation system where the 'content' will be the chemical components of cosmetics and processed ingredient lists for 1472 cosmetics on Sephora, then visualized ingredient similarity using a machine learning and visualization library.

CERTIFICATES

- Neural Networks and Deep Learning (DeepLearning.AI)
- Machine Learning (Stanford University)
- CS50's Introduction to Computer Science (HarvardX)
- CS50's Introduction to Artificial Intelligence with Python (HarvardX)
- Learn with Google AI | Explore ML (Workshop: Beginner and Intermediate Track)
- Introduction to the Internet of Things

INTERESTS

- Designing, Reading, Travel, Photography

LANGUAGES

- English, Hindi, German