TUSHAR ROHILLA

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EDUCATION

Indian Institute of Technology Roorkee

B.Tech - Chemical Engineering

July 2018 – Present Roorkee, Uttarakhand, India

CGPA: 7.411

Modern Delhi Public School

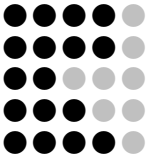
Physics, Chemistry, Mathematics

Apr 2016 – Apr 2018 Faridabad, Haryana, India

Perctange: 92%

SKILLS

Languages: C++, Java (OOPS)
Development: Android SDK, Firebase, API
Flutter, Dart
Design: UI/UX, Figma
Tools/IDE: IntelliJ, VSCode, Android Studio



EXPERIENCES

Minimum Viable Product (MVP) Developer

Yojak Inc.

March 2020 Roorkee, Uttarakhand, India

- Worked on developing a minimum viable product for Yojak Inc. This is a recently founded startup in the B2B eCommerce domain.
- Designed on Figma: shorturl.at/hoszT
- Project was built on Android SDK using Firebase as backend service

Undergraduate Teaching Assistant (UGTA)

Academic Reinforcement Program, IITR

July 2019 – December'19 IIT Roorkee, Uttarakhand, India

- Guided and mentored 30 junior students for the subject of Computer Programming and Numerical Analysis (CHN-103)

SDE-Backend (Java) Internship

Connect2India

June 2019 - July 2019 New Delhi, India

- Learnt and worked on few Java libraries like HTTPClient and JSOUP for using Get/Post operations. Read documentation and implemented REST Apis of some E-commerce tech giants(E-Bay, Shopify, Wish) and understood their working (OAuth protocol). Used tools like PostMan and Advanced REST Client(ARC).
- Also Implemented queries in databases(PostgreSQL) using pgAdmin application.

ACHIEVEMENTS

- 2nd prize Winner at Entrepreneurship Summit Hackathon "Productathon 2020" conducted by E-Cell IIT Roorkee (Entrepreneurship Cell). This hackathon was based on the following themes 'Healthcare', 'Agriculture', 'Environment', 'E-Commerce'. Innovative solutions in the form of products were expected.
- 2nd prize Winner at National Social Summit Hackathon "Sociothon 2020" conducted by NSS IIT Roorkee (National Service Scheme). This hackathon required the contestants to build a Carbon footprint calculator.
- Dedicated Volunteer certificate awarded for an excellent contribution towards teaching underprivileged students of the local city for IIT-JEE exam for a year. Felicitated by National Service Scheme for the same.

PROJECTS

Lookout - MDG, IITR SoC'19

- This project was done under Mobile Development Group, IIT Roorkee during the Winter Season of Code 2019.
- The app collects the user's location. It then uses it to gather and show the pollution levels in the air around the user's region. This task is done by grabbing real time data from various monitoring agencies having their APIs. Google Maps is used to show the real-time Air Quality index with the cities marked using markers.
- The app also provides search functionality for every city. Every city will open a separate screen in app which shows the AQI, the weather information as well as what precautionary measures should the user take according to the AQI levels.
- Source (Github): tinyurl.com/yd9s7otz

GoGreenGoogle - Sociothon 2020

- This application measures no. of google searches of the user and presents a weekly/monthly data indicating the user regarding their respective usage. Data is displayed using charts(pie, bar).
- Link to the presentation my team presented to the jury: tinyurl.com/ybpoxb9d
- Source (Github): tinyurl.com/y98mr7ov

Lifeline - Productathon 2020

- This app aims to digitize the entire operation of a hospital. It will provide an online platform where users can connect with the happenings of the hospital via an android app. It is equipped with an interface for obtaining am appointment token digitally to avoid long queues for getting the same. All doctors can now attend the patients' hassle-free and people can save a huge amount of time.
- Source (Github): tinyurl.com/yc8c5qbm