

TUSHAR ROHILLA

B.Tech. Chemical Engineering
UG(II Year I Semester)
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Registration No: B.Tech./CH/18112083/2021

Indian Institute of
Technology
Roorkee



Area of Interest

Android Development | REST API | Software Documentation

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2019	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	7.412
2018	Twelfth	Modern Delhi Public School, Faridabad (CBSE)	91.8 %
2016	Tenth	Eicher School, Faridabad (CBSE)	10.0

Internships

Minimum Viable Product (MVP) Android Developer | Yojak Inc.

March 2020

- Worked on developing a minimum viable product for Yojak Inc. This is a recently founded startup in the B2B eCommerce domain.
- The Android app was built designed on Figma, developed on Android SDK and used Firebase as a backend service for data storage and user authentication.

SDE-Backend Internship | Connect2India

May 2019 - June 2019

- Worked on Java libraries like HTTPClient and JSOUP used during basic HTTP operations.
- Read documentation and implemented REST Apis of some E-commerce tech giants (E-Bay, Shopify, Wish) and understood their working (OAuth protocol).
- Got introduced to tools/frameworks like Spring Boot, PostMan and Advanced REST Client (ARC).

Projects

Lookout - Pollution AQI Android app | Mobile Development Group, IIT Roorkee

Nov 2019 - Jan 2020

- The app collects the users location. It then gathers the pollution levels in the air around the user's region using APIs.
- Google Maps is used to show the real-time Air Quality index with the cities marked using custom markers.
- The app also provides search functionality. Every city has a separate page which shows the AQI, weather information and precautionary measures the user can take according to the AQI levels.

Lifeline - Online Appointment Booking Android app | Productathon 2020

Feb 2020

- This app was built as a solution to the long It will provide an online platform where users can connect with the happenings of the hospital via an android app. An app that digitizes the registration process of a hospital.
- Tokens can be booked online only and long queues can be avoided.

Awards / Scholarships / Academic Achievements

- Cleared Round 1 of National Engineering Olympiad (NEO3.0) 2020
- Runner-up (2nd position) in Productathon hackathon 2020 organised by E-Cell IIT Roorkee
- Runner-up (2nd position) in Sociothon hackathon 2020 organised by NSS IIT Roorkee
- Recognised as a Dedicated Volunteer by NSS IIT Roorkee for teaching school students for JEE

Skills

Computer languages	C++, JAVA, Markdown, reStructuredText
Software Packages	Android Studio, IntelliJ IDEA Ultimate, PostMan, Figma, Git, Heroku CLI, VSCode Text Editor
Additional Courses Taken	Introduction to Flutter and Dart by Angela Yu London App Brewery
Languages Known	English (SRW) , Hindi (SRW)

Positions of Responsibility & Extra Curriculars

Student Mentor | Student Code-In

- Student Code-in is a global program to introduce university/pre-university students to open source software development.
- Mentoring students in getting started and contributing to Open Source projects.

Undergraduate Teaching Assistant (UGTA) | Academic Reinforcement Program, IIT Roorkee

Aug - Nov 2019

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

Core Team Member - Admin | Student Mentorship Program IIT Roorkee

Feb 2019 - Present

- Being a part of the Admin team, we have to ensure the smooth functioning and execution of the group's activities and events.

References

Pawan Gupta

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