HARSHIT KHETAN

B.Tech. Electrical Engineering
UG(III Year I Semester)
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Registration No: B.Tech./EE/17115038/2021

Indian Institute of
Technology
Roorkee

Area of Interest

Web development , Open Source Development, Competitive Programming

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2019	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	*7.228*
2017	Twelfth	Dr. Virendra Swarup Public School, Cantt, Kanpur (ISC)	*95.5 %*
2015	Tenth	Dr. Virendra Swarup Public School, Cantt, Kanpur (ICSE)	*95.6 %*

Internships

Google Summer of Code 2019 | Computational Biology @ University of Nebraska-Lincoln   27th May 2019 - 19th Aug 2019
- Dockerized the whole application separately for development and production with separate Dockerfiles for each services employed. Also used alpine image as the base image for the Dockerfile.
- Still working on incorporating scikit-learn by revamping the pipeline architecture of the app.
- Tech Stack: Flask, React, Git, Docker, Scikit-learn

Projects

IMG website | IIT Roorkee   Dec '18 - May '19
- IMG website is a portfolio for IMG which displays details about its members, their blogs and the projects they have done under IMG.
- The frontend was ported from django templates to React and Redux.
- Role: Full-stack developer.
- Tech stack includes: React, Redux, Django.

iOS Noticeboard | IIT Roorkee   Aug '18-Present
- Notice Board is an app on Channel i where all the notices related to IIT Roorkee are put up.
- Android version exists for it. I worked on the iOS version and wrote it from scratch. Its still in the development mode and the repository will be made public as soon as it reaches a significant amount of completion.
- Role: iOS developer.
- Tech-Stack includes: Swift, Xcode.

Awards / Scholarships / Academic Achievements

- All India Rank 747, JEE Mains 2017.
- All India Rank 1487, JEE Advanced 2017.
- All India Rank 273, KVPY(Kishore Vaigyanik Protsahan Yojana) SX 2016

Skills

Computer languages	Python, Javascript, Swift, HTML, CSS, SQL, C++, Java
Software Packages	Django, Django REST, React, Django channels, Redux , Semantic UI, Git, MongoDB, VS Code, PostMan, Jupyter, Numpy, Linux Shell utilities, Vim, Metasploit, Docker, Scikit-learn
Additional Courses Taken	Data Structures and Algorithms Economics
Languages Known	English (SRW) , Hindi (SRW)

Positions of Responsibility & Extra Curriculars

Project Leader | Information Management Group, IIT Roorkee   Jan '18 - Present
- A member of IMG, the technical backbone of IIT Roorkee which not only handles the official IITR website but also an intranet portal containing many apps catering to the people in the campus.

Volunteer | National Social Service, IIT Roorkee   Aug '17 - May '18
- An active volunteer and team member of the National Social Service at IIT Roorkee.