MOHIT KR. SINGH

Web Developer

📱 +91 7318019021

🌐 home.iitk.ac.in/ mohitks
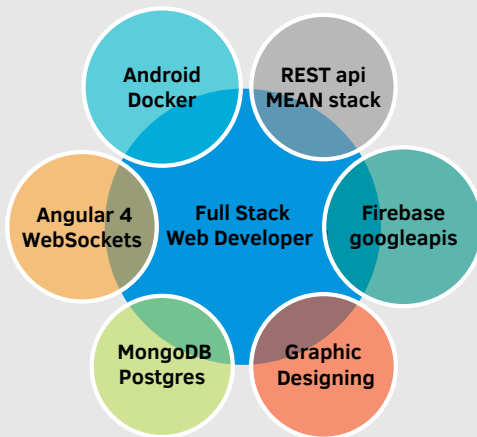
✉ mohitks@iitk.ac.in

 MohitKS5

Skills

Overview

Programming   *LOC: lines of code*

$0\ LOC \longrightarrow 15000\ LOC$

Angular 4 • ES6 • Typescript • HTML|CSS

Express|Node • Postgres • MATLAB • LaTeX

C • C++ • Golang

Achievements

AIR 1964 in JEE ADVANCED among top 1.5 lakhs selected students of India.
223/360 in JEE MAINS '16 secured position in top 0.61% candidates.

Runner-up in Design-o-flare competition, Takneek'17 ,designed using DS SOLDWORKS 2016

FSAE designed and fabricated a formula 1 car worth ₹ **3 MILLION**

Education

2015 - present **BTech., Chemical Engineering** (GPA: 8.0/10.0)   IIT Kanpur, India

Projects

Oct 2017 - Present	**Techkriti '18 Website**	College fest

- Currently involved in building a website for Techkriti , one of the largest Tech-Fest in India.

Apr 2017 - Oct 2017	**Antaragni'17 Website**	college fest

- Used full **MEAN** stack to develop the website for college fest.
- **angular 4** framework for modularity, animations and optimization.
- Backend coded in **typescript** provided **REST** api with **scalability**.
- *Dynamic website* with flexibility in design and content. Element's arrangement and display could be changed by a GUI.
- Provided a user-friendly UI to update the contents of frontend.

May 2017 - Jul 2017	**IITKMS Website**	FSAE team

- Built a Web Application from scratch using Angular 4 framework.
- Worked with **Firebase** for *authentication, cloud storage* and *real–time databasing*.
- Used **Google sheets** as UI for user-friendly *frontend content management* and its api for data fetching.

March 2017	**Code.Fun.Do**	Microsoft

- Successfully completed a web app aimed to help college students choose courses and manage them.
- Used **cross-platform Universal App Platform** (Microsoft Azure) for windows 10.
- The app simply displayed a filtered list of courses based on user info during registration.
- provided **cloud space** to store course content and relevant links in an organized way just by a *drag and drop*.

Positions Of Responsibility

OCT 2017 - Present	**Senior Executive,Web, Techkriti '18**

- Ensuring the promulgation of the fest through deployment and regular update of website & app.
- Make sure the optimization and accessibility of the website to mass media.

Apr 2017 - Oct 2017	**Senior Executive, Web, Antaragni'17**

- Designed a website for Antaragni, the largest college fest in northern India.
- Provided a portal and maintained the Database of contacts, registered events and payments of about 8000 participants.
- Designed a portal for campus ambassadors and provided them with an online platform linked to social media for publicity of the fest.

Mar 2017 - present	**Web Designer, FSAE, IITK**

- Exposing the potential of team and project in a representative manner to lure the sponsors and car enthusiasts.
- Responsible regular update and functioning of the FSAE website.