Saurabh Agarwala

saur.agarwala@gmail.com   +91 84158 59101   https://saurabhagarwala.github.io

linkedin.com/in/saurabh-agarwala-6ba109165/   github.com/SaurabhAgarwala

- ## Education
  - **National Institute of Technology Karnataka (NITK), Surathkal**   Aug 2017 – May 2021(Expected)
    - B.Tech in Information Technology
    - GPA of 9.10/10.00 as of October 2018
  - **Higher Secondary Education and Entrance Examinations**
    - All India Rank of 4497 out of 1.2 million candidates in JEE Main-2017
    - 86.8% with 95% in PCM in AISSCE-2016 exam for 12th grade conducted by CBSE

- ## Experience
  - May 2018 – July 2018: Gained industrial experience and was trained in the field of Web Development under the training program of Rise, a software company in Vizag, India, as a summer intern for a period of 6 weeks. The technologies covered in the training program included HTML, CSS, JS and Bootstrap.

- ## Skills
  - **Languages/Markups and Scripts:** C, C++, Java, Python, HTML, CSS, Bash, Golang(Learning)
  - **Tools:** Git, Visual Studio Code, AWS EC2, Microsoft Azure
  - **Frameworks:** STL, Bootstrap, Django, Angular(Learning) and Node.JS(Learning)

- ## Selected Projects   **(All projects available on GitHub)**
  - **Disaster Management App**: Developed as a team, an application to help in predicting, managing and handling the aftermath of a disaster as a part of Microsoft codefundo++ competition. Deployed using Microsoft Azure.
  - **Merkel Tree – Audit Proof**: Working with a team on a DSA project to implement Audit proof using Merkel Trees with Python as the implementing language.
  - **Attendance Management System:** Developed as a team, an application to scan and record the attendance of students pursuing a particular course. This involved developing an Android App, setting up a server, using shell scripts and implementing the main backend logic using Java.
  - **Ubuntu Developers Upgrade:** Worked with a team to develop a portal for updating to Ubuntu 18.04 LTS Version and installing desired packages, utilities and themes through options rather than commands.
  - **WiT Website:** Part of website development team of WiT Summit 2018, a national level technological event to be hosted by IEEE NITK.
  - **Pastebin:** A Pastebin type of web application designed using Django at the backend, and HTML, CSS and Bootstrap for the front end. Deployed using AWS EC2.

- ## Extra-Curricular
  - Executive Member of IEEE NITK and Member of IEEE Computer Society
  - Web Collaborator at Web Enthusiasts' Club NITK
  - Executive Member of Entrepreneurship Cell NITK
  - Executive Member of Artists' Forum NITK.
  - Member of Debating Society of the college.
  - Blog writer at IEEE NITK.