

Saurabh Agarwala

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■ Education

- **[National Institute of Technology Karnataka \(NITK\), Surathkal](#)** Aug 2017 – May 2021(Expected)
 - B.Tech in Information Technology
 - GPA of 8.94/10.00 as of February 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, JS, TypeScript, Bash, Golang(Learning)
- **Tools:** Git, Visual Studio Code, AWS EC2, Microsoft Azure, Google Search Console, Docker
- **Frameworks/APIs:** STL, Bootstrap, Django, Angular, NodeJS, Buffalo, OpenGL

■ Selected Projects

(All projects available on [GitHub](#))

- **[SpeechTox](#):** Web app developed as a part of a 24-hr hackathon along with a team. The app integrates the Linear Regression ML training model and classifies text and songs into 6 categories of toxicity.
- **[Incident 2019 Website](#):** Worked on SEO and back-end of the college cultural fest '[Incident](#)' 2019 Website. The site enjoys a top rank on all major search engines.
- **[WiT Website](#):** Part of the website development team of [WiT Summit 2018](#), a national level technological event hosted by IEEE NITK in December 2018.
- **[CP Judge](#):** Developing a web server for a competitive programming platform using Go Buffalo, as a part of IEEE NITK Project.
- **[Attendance Management System](#):** Developed as a team, an application to scan QR Code 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.
- **[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](#):** Worked with a team on a DSA project to implement Audit-proof using Merkel Trees with Python as the implementing language.

■ 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](#).