



# Mohit Rana

Roll No.:200102054

B.Tech - Electronics and Communication Engineering

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Github

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.64 (Current)	2020-Present
Senior Secondary	CBSE Board	87.6%	2019
Secondary	CBSE Board	9.0	2017

## PROJECTS

- **Smart Brain** jan. 2022 - july 2022  
*Personal Project* Github
  - Created a web application with React.Js as front-end and Node.Js as back-end to highlights face in any photo.
  - Utilized a Machine Learning API Clarifai to fetch face details based on provided image.
  - Provided profile registration option to enable separate profile for users and displays scores on no. of queries made.
- **Olx Clone** Ongoing  
*Group Project* Github
  - Design a Website for IIT Guwahati Students to sell and buy things.
  - Tech Stacks Used - MongoDB, Express, React, Node
- **Note Keeper Web App** May 2022  
*Personal Project* Github
  - A Note Keeper Web App is build to take sort notes what we think in a certain moment and can delete when we want.
  - JavaScript and React.js is used to make this project.
- **Advanced Keylogger** june 2022 - july 2022  
*Coding Club IIT Guwahati* Github
  - Created a C++ program that monitors the keystrokes on windows operating system.
  - Records keyboard input of victim and send the log file to attacker via mail.

## TECHNICAL SKILLS

- **Programming:** C/C++, Python\*
- **Web technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Database management:** MySQL, MongoDB
- **Framework:** Bootstrap
- **Miscellaneous:** Git
- **Operating system:** Windows\*
- **Electronics:** LTspiceXVII, Deeds \* Elementary proficiency

## KEY COURSES TAKEN

- |                                  |                                |
|----------------------------------|--------------------------------|
| • Introduction to Computing      | • Data Structure and Algorithm |
| • Probability and Random Process | • Control Systems              |
| • Digital Circuits               | • Computing lab                |
| • Signals and System             | • Digital Circuits lab         |

## ACHIEVEMENTS

- **Joint Entrance Examination-Advanced** , Secured All India Rank 264 (ST category) out of 0.25 million candidates 2020 appearing for the test
- **Joint Entrance Examination-Mains** , Secured All India Rank 271 (ST category) out of 1.2 million candidates 2020 appearing for the test
- **Competitive Coding** , Codechef Max Rating : 1468 (link) Current