

# Rohan Anil Muskawad

Github: <https://github.com/rohan-musk>

Email: [f20201798@pilani.bits-pilani.ac.in](mailto:f20201798@pilani.bits-pilani.ac.in)

## EDUCATION

- **Birla Institute of Technology and Science, Pilani (BITS Pilani)** Pilani, India  
*Bachelor of Engineering - Electronics and Instrumentation* November 2020 - Present
- **Hiranandani Foundation School, Thane** Thane, India  
*Class XI to XII, ICSE Examinations; 91%* 2017-2020

## TECHNICAL SKILLS

- **Languages**  
JavaScript, Python, C, C++, JAVA
- **Technologies**  
ReactJS, NodeJS, Express, MongoDB, TensorFlow, Keras, Git, Firebase, Postman, L<sup>A</sup>T<sub>E</sub>X

## EXPERIENCE

- **Hi-Tech Technologies** June 2022 - Sep 2022  
*Freelance Software Developer*
  - Developed native Android and iOS app for a userbase of 1000+ employees using React Native and Firebase.
  - Eliminated the hassle of tracking project status by developing a CRUD based project tracking system.
  - Documented the code for easier scalability.
- **Yashoda Hospitals** June 2022 - July 2022  
*Software Developer Intern*
  - Designed an indoor navigation system that eliminated the use of GPS using augmented reality.
  - Developed an app with Unity and AR Kit that guided a patient in navigating the hospital buildings.
  - Documented the code for easier reproducibility.
- **Newton School** July 2021 - Aug 2021  
*Graphic Design Intern*
  - Created resource library of 20+ unique Photoshop files for future design ideas.
  - Designed posters and banners for the company ensuring brand identity and design principles.
  - Designed stories and Instagram posts with a reach of 800k+ active Instagram users.

## PROJECTS

- **Chat App**  
Developed a realtime chat app that can be used for multi user conversation with minimal latency.  
Built using ReactJS and Express, with libraries like Socket IO.
- **Portfolio Website**  
(Work In Progress) Creating a website displaying a digital interactive version of my resume  
Built using multiple tools like React JS, Spline Tool, Three JS and Netlify.
- **Age Invariant Face Recognition**  
Developed a Computer Vision model to detect faces of people from given database regardless of their age.  
Built using Akaze, SURF and ORB as feature extractors. Calculating accuracy using FRR and FAR.

## POSITIONS OF RESPONSIBILITY

- **Department of Publications and Correspondance, Apogee** Dec 2020 - Present  
*Coordinator*
  - Gained in 400+ participants for the technical fest of BITS Pilani, Apogee.
  - Developed HTML based emails in order to increase user engagement for higher registrations in fest.
  - Created a system to generate 1000+ unique documents saving about 6hrs of work using google app scrip
- **Creative Activities Club** Nov 2020 - Present  
*Oasis Coordinator*
  - Leading a team of 20+ talented individuals responsible for organizing various art-related events in institute fests.
  - Developed an augmented reality experience that allowed users to experience the various art made by the members of CrAC
- **BITS ACM** Apr 2021 - Aug 2022  
*Member*
  - Worked on creating Instagram posts and various creatives.
  - Generated about 2X growth in user interaction on club's Instagram handle.