

# Rohan Anil Muskawad

Portfolio: <https://rohan-musk.vercel.app/>

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

## 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, CICSE Examinations; 91%* 2017-2020

## TECHNICAL SKILLS

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

## EXPERIENCE

- **Scream** Jan 2022 - Present  
*Software Development Intern*
  - Developed an analytics feature that helped in collecting user behaviour across the website using custom hooks.
  - Created microinteractions and reusable components for better user experience on the website.
  - Reported and fixed multiple bugs on the website that improved customer experience.
- **Yashoda Hospitals** June 2022 - July 2022  
*Software Development 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 1000+ rooms of the hospital.
  - Documented the code as a well documented report for easier reproducibility.
- **Newton School** July 2021 - Aug 2021  
*Graphic Design Intern*
  - Created resource Library of 20+ unique Photoshop files for future design ideas.
  - Desinged posters and banners for the company ensuring brand identity and design principles.
  - Desinged stories and Instagram posts with a reach of 800k+ acitve Instagram users.

## PROJECTS

- **Hi Tech Task App**  
Developed native cross platform app for a userbase of 1000+ employees of HiTechRO using React Native and Firebase. Eliminated the hasle of tracking project status by developing a CRUD based project tracking system.
- **ReactChat App**  
Developed a realtime chat app that can be used for multi user conversation with no latency using websockets insted of HTTP. Carefully chose React JS and Express JS as frameworks because of its easy to understand documentation with SocketIO.
- **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 - Nov 2022  
*Oasis Coordinator*
  - Leading a team of 40+ 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 during the pandemic.
- **BITS ACM** Apr 2021 - Aug 2022  
*Member*
  - Worked with various developers in creating exciting SaaS projects for the students of BITS Pilani.
  - Generated about 2X growth in user interaction on club's Instagram handle.