

SANSKRUTI KAKAD

ELECTRONICS & COMMUNICATION UNDERGRAD

PROFILE

Grounded and **solution-oriented** Electronics & communication engineering undergraduate with appropriate knowledge of **programming** and **core of electronics**. Looking to obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

CONTACT

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Maharashtra, India

EDUCATION

Bachelor Of Technology in Electronics 2021-2024 & Communication Engineering

National Institute Of Technology
Srinagar 7.7 CGPA

Higher Secondary School 2019-2021

K.V.N.Naik college of Arts,Commerce
& Science 94.33 %

Secondary School 2019

Sacred Heart Convent High School 92.00%

ACHIEVEMENTS

- Member of team AVIATO ranked 28 th among 84 teams participating in AEROTHON 2023
- Among top 20 finalists of 'NATIONAL LEVEL NXP WOMEN IN TECH' competition

CO-CURRICULAR

- Core Member of 'Sargam Club', NIT Srinagar's official singing and dancing club under GYMKHANA. (organized and managed over 20+ events) .
- Member of core committee of 'Rang-e-chinar - NIT's culturalfest'.
- NCC cadet of J&K battalion

SKILLS

- C
- C++
- SQL
- Python
- Microprocessor 8085
- Data Structures
- CSS
- HTML
- Opencv
- Algorithms
- Power BI
- Ms Excel
- Node.js
- React.js
- Mongo DB
- Express.js
- Javascript
- Image processing

WORK EXPERIENCE

Eastro control systems 1 dec 2023 - 25 jan 2024

Intern

- Developed a **track bar to adjust brightness and contrast** of image using **opencv**
- Performed various operations images like Histogram Equalization, **Filtering Images** using Homogeneous Blur, **Gaussian Blur**
- Inversion of Images, Morphological Operations like Erosion of Images and Dilation of Images
- Also performed **Image rotation, Color Detection & Object Tracking, Shape Detection**.

PROJECTS

1) ONLINE QUIZ MAKER

website using MERN Stack

- Backend - Node .js & express.js
- Frontend - React.js
- Database - MongoDB
- Styling - CSS

2) SAEROTHON 2023

Designing a Quadcopter with a drop Mechanism

- Innovation of dropping mechanism using servo motor
- Mathematical calculations and components & material selection
- Assisted in documentation and presentation