

# Shresth Singh

Portfolio: .Mywebsite

Github: [github.com/Shresth941](https://github.com/Shresth941)

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## EDUCATION

- **RNS Institute of Technology** Bengaluru, India  
*Bachelor of Engineering - Electronics And Communication Engineering; CGPA: 7.5* July 2020 - Present
- **Surmount International School** Gorakhpur, Uttar Pradesh, India  
*Senior Secondary ; Percentage-76.6* 2019
- **The Pillars Public School** Gorakhpur, Uttar Pradesh, India  
*Senior Secondary ; CGPA-9.6* 2017

## SKILLS SUMMARY

- **Languages:** Python, C Programming, C++, JavaScript, HTML, CSS
- **Frameworks:** React.js, Node.js, Express.js, Bootstarp
- **Tools:** Git, Github, Postman
- **Platforms:** Windows, Arduino, Raspberry,
- **Soft Skills:** Leadership, Event Management, Time Management

## EXPERIENCE

- **Project intern at TIEI (Toyota Industries Engine India)**  
*(Internship)* August 2023 - Present
  - : Optimize forum for scalability. Design IoT solution for data extraction. Develop frontend for data presentation. Transform database data to CSV..

## PROJECTS

- **Music app-Clone** : (Work in progress) The Music app clone is crafted with JavaScript, Tailwind CSS, Express.js, Node.js, Supabase, and Stripe. It enables listening, publishing, and purchasing premier plans.
- **Deep Learning Techniques for SAR Image Despeckling and Image Classification** : (Work in progress) This project use deep learning technique to despeckling the SAR images and after despeckling it also performs image classification .
- **Portfolio Website** : It provide professional information about myself and my showcase of my works and is build using tech - HTML, CSS, Javascript
- **SELF DRIVE CAR (03/2023 - 06/2023)** : OpenCV and Tensorflow is used in object detection and identification. Arduino programming is used to control the movements. The car is made to do self, secure driving using different sensors
- **Gesture Control Robotic Car (06/2022 - 07/2022)** : Arduino programming is used in building the car. The car does the movements based on the Gestures provided by the user.

## VOLUNTEER EXPERIENCE

- **UIpath Automation and MULTI SIM, ESP32**  
*Conducted online and offline technical & soft-skills training impacting over 300 students.*
- **Event Organizer at RNSIT ECE department Group Silicons**  
*Organized inter college events*

## CERTIFICATES

- **The Complete 2023 Web Development Bootcamp (08/2023 - 03/2023)**
- **Self Driving Car using Image Processing**
- **Personality Development and Leadership**

## EXTRA CIRCULAR ACTIVITY

- **Doubt Solving expert at Chegg.com with an expertise in Maths subject**
- **Engaged in Planting trees 5km Run and Walk marathon**

## ONGOING COURSES

- **DSA USING C++ , Full Stack Web Development, Deep learning and Neural Networking**

## INTERESTS

- **Athletics, Programming, , Artificial Intelligence and Machine learning**