



## Shivam Bhushan

Roll No.: RA2011030010086

Computer Science and Engineering

B.Tech

SRM Institute of Science and Technology

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GitHub Profile

LinkedIn Profile

## EDUCATION

### •SRM Institute of Science and Technology

2024

Computer Science and Engineering

CGPA: 8.4

### •Navy Children School, Goa

2020

Central Board of Secondary Education

Percentage: 78

## EXPERIENCE

### •Tech Mahindra

June 2023 - Sept 2023

Artificial Intelligence Intern

Chennai

- Supported the development of machine learning and deep learning models under the guidance of senior AI researchers.
- Implemented algorithms and models using popular frameworks like TensorFlow, YOLOv8, Keras, Pandas, or Matplotlib.

### •Origin Clothing

Nov 2020 - Apr 2021

Graphic Design Intern

Goa

- Promoted company's events by designing marketing materials such as posters, digital invites and brochures.
- Leveraged Photoshop to produce graphic art and visual materials for email and related assets.

## PERSONAL PROJECTS

### •Car Defect Detection

Sept 2023

Detection of car paint defects using CNN and VGG-16

- Tools & technologies used: Python, Tensorflow, Numpy, Keras, Pandas, Matplotlib
- This model mitigates errors caused by the complexity of car paint defects and high-reflectivity surfaces in intense lighting by automating measurements and judgments.

### •Construction Worker Detection

Aug 2023

Detects construction worker based on criteria like gloves, safety jacket, safety helmet etc

- Tools & technologies used: YOLOv8, roboflow
- This model can be used to increase safety checks and conditions at construction sites. It can also be used with heavy machinery to detect workers and avoid accidents.

### •Food Delivery App

July 2023 - Aug 2023

Zomato style food delivery app

- Tools & technologies used: React Native, Redux, Sanity
- The React Native Delivery App with Sanity CMS Integration is a dynamic and versatile mobile application designed to streamline the delivery process for restaurants.

### •ChatterBox

Jun 2023 - Jul 2023

Simple wall styled social media app

- Tools & technologies used: Flutter, Firebase
- ChatterBox is a simple social media app built using Flutter and powered by Firebase, allowing users to connect with friends, share posts, and engage in meaningful conversations.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Java, C++, Python, , CSS, Flutter, HTML, SQL, JavaScript

**Developer Tools:** Visual Studio Code, Sublime Text, Pycharm, Arc Browser, Expo, Unity

**Frameworks:** jQuery, MongoDB, Express.js, Node.js, React, React Native, Redux, Keras, Pandas, Tensorflow, sklearn

**Soft Skills:** Interpersonal Skills, Communication , Leadership, Adaptability, Team Player, Creativity

**Coursework:** Supervised Machine Learning: Regression and Classification, The Complete 2023 Web Development Boot camp

**Areas of Interest:** Machine Learning, Deep Learning, Full Stack Development, Ui/Ux Design, AR/VR

## POSITIONS OF RESPONSIBILITY

### Coding Ninjas Club SRMIST

Jan 2021 - Aug 2021

Outreach Officer and Non-Tech Lead

Chennai

- Headed the entire Non tech domain which included 8 subdomains of over 80 people.
- Was responsible for smooth functioning of the board and for organising and coordinating events.