

# Pranav Arya

 [github.com/pranav-iitr](https://github.com/pranav-iitr) |  [linkedin.com/in/pranav-arya-2673421b8/](https://www.linkedin.com/in/pranav-arya-2673421b8/) |  [pranavleo22@gmail.com](mailto:pranavleo22@gmail.com)

## EXPERIENCE

### Mentor Plus

Feb 2022 - Apr 2022

Frontend Internship

Remote

- Integrated multiple **SDKs** such as **Calendly**, **Razorpay** and **Google Auth**, increasing the overall functionality of website
- Created **dashboard**, **login**, and **demo** workflow using **NEXT.js**, increasing the traffic on the website
- Enriched the **UI** and integrated **cookies** also improved the speed and SEO

### Instaminutes

Sep 2021 - Jan 2022

Web Developer, Internship

Remote

- Worked in the **integration** of numerous **APIs** and **libraries** for **Audio processing** and **transmission** to the **back-end**
- Made **responsive UI** using **NEXT JS** and **SCSS**, establishing strong UI for the platform
- Integrated **Google calendar** to **automatically store** meeting notes for **online meetings reducing time** to search for notes

## PROJECTS

### Traffic Violation Detection System

Jan 2022 - Mar 2022

Inter IIT Tech Meet 10

[GitHub link](#)

- Invented a **Deep Learning model** based on the **Yolo algorithm** to **detect traffic offenders** with an efficiency of 80%, further used **OpenCV** for **image processing** also developed **Web interface** using **Django** to store proof and number plate of traffic offenders.

### E-ssumit Portal

Nov 2021 - Jan 2022

E-cell, IIT Roorkee

[Website link](#)

- **Managed** and collaborated with a team of developers and designers to create, maintain and scale a platform for registration and secure payment of over 2000+ delegates, using **NEXT.js** and **Django**.
- **Upgraded backend** along with the development of **CA dashboard** for assigning tasks, monitoring and evaluating over **500+ Campus Ambassadors** using **Django** and **Django Rest**.
- Made website **SEO** using **NEXT-SEO** and insights from **Google-Analytics**, bringing the website to **top search result**, aiding in getting sponsorship worth 10 lacks.

### Delta Portal

Aug 2021 - Aug 2022

E-cell, IIT Roorkee

[Website Link](#)

- As a **project leader**, delegated a team of developers and designers to build a Web-Based College internship portal for opportunities from Alumni Startups with 20+ roles registered on the first day.
- **Upgraded the backend** and build **Django based APIs** for **saving posts**, **using bookmarks**, and **applying to Internships** for 10000+ students and 500+ faculty on campus hosted on AWS.
- Enhanced the overall **UX** using **bootstrap**, **MUI** and **Sematic UI** with a particular focus on **mobile** and **tablets**, enhancing the site for 75 per cent of the users.

### E-cell Website

Apr 2021 - Aug 2021

E-cell, IIT Roorkee

[Website link](#)

- **Developed** and collaborated with a team of developers to make **responsive web pages** and **components** in **React.js** styled using **CSS** and **Bootstrap**. Also integrated **APIs** using **React Hooks** and **Axios** to share resources and improve entrepreneurship culture for 10000+ students and 500+ faculty .

### Multi-copter Simulation

Apr 2021 - Jul 2021

Aries, IIT Roorkee

[GitHub link](#)

- Built a **python-based** software for **drone automation**, aiming for automatic takeoff, visiting **GPS way-points** and autonomous landing using **ROS** and **DroneKit**, **simulated on Gazebo**, and communication using **Adrupilot** in **ROS** on **Linux**. The team found the code to be **100% efficient** in simulation.

## EDUCATION

### Indian Institute of Technology Roorkee, India

2020 - 2024

Bachelors of Electronics and Communication Engineering

## ACHIEVEMENTS

**Secured Global Rank 1786**

Google Kickstart Round C 2022

**Secured Global Rank 3530**

Google Kickstart Round E 2021

**Gold Medal**

in Engineer's Conclave at Inter IIT Tech Meet 10 for a project in deep learning

## TECHNICAL SKILLS

**Programming languages:** C++, Python, JavaScript, Es6

**Software Packages:** Matlab, Ros, VScode

**Web Technologies::** Django, React, Next.js, SCSS, CICD

**Mislanious** Git, GitHub, Yolo, OpenCv

## POSITIONS OF RESPONSIBILITY

### Tech Head at E-cell and Essumit in IIT Roorkee:

Leading a team of talented developers and aspiring entrepreneurs to scale all web platforms under E-cell.

### Core Team Member Aries IIT Roorkee:

Build projects related to DL and ROS also actively contributed and mentored projects in web development.

### Dev Head at Sports council and Inter IIT Sports 2022:

Leading a team of developers to make web portals for Inter IIT Sports meet that will be used across all IIT'S .