Anurag **Bansal**

ML Enthusiast · Developer · Competitive Programming Enthusiast

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"Persistence, Patience, Faith and Honesty are keys to Success."

Summary

I am an Augmented Reality and Machine Learning enthusiast, exploring and learning interesting new things. I am also a developer and love to take up engineering challenges to create exciting and challenging applications. I am also a Competitive Programming lover and try to learn new algorithms and data structures.

Education

Indian Institute of Technology, Roorkee *IIT Roorkee, India*

B.Tech in Computer Science and Engineering | 2nd Year 1st Sem *2019 - 2023*
- CGPA: 9.805/10

Budha Dal Public School, Patiala (CBSE) *Patiala, India*

Class 12th *2018 - 2019*
- Percentage: 91.8%

Budha Dal Public School, Patiala (CBSE) *Patiala, India*

Class 10th *2016 - 2017*
- CGPA: 10/10

Projects

Security App *IIT Roorkee, India*

Developer | Flutter *July, 2020 - Present*
- An app made to digitalize the security checkup at IIT Roorkee.
- The app is made in Flutter and is integrated with a printer.

Edain Mobile *IIT Roorkee, India*

Developer | Android *September, 2020 - Present*
- An app made to measure network performance based on *page load time*, *video buffer size*, *dns resolution*, *latency*, *traceroute* etc.

IITR ChatBot *IIT Roorkee, India*

Developer | RASA *October, 2020 - Present*
- A Chatbot made for the IITR website.
- The Chatbot is designed using the RASA framework.

IOT Android *IIT Roorkee, India*

Developer | Arduino *June, 2020*
- A project made using arduino module aimed at testing the use of Android phones as sensors in IOT projects.
- The project uses a Arduino Wifi module which acts as a web server to interact with the Android phone.

Honors & Awards

2019 **All India Rank 404**, Jee Advanced 2019 among 2,00,000 candidates.

2019 **All India Rank 572**, Jee Main 2019 among 10,00,000 candidates.

2019 **All India Rank 625**, Kishore Vaigyanik Protsahan Yojana (KVPY) and got awarded with KVPY Scholarship.

2018 **Merit Certificate**, Indian National Mathematics Olympiad (INMO) for being in Top 75 in the country.

2017 **Certificate of Appreciation**, Regional Mathematics Olympiad (RMO) for standing 3rd in the State.

2016 **Certificate of Appreciation**, Regional Mathematics Olympiad (RMO) for standing 2nd in the State.

2015 **Merit Certificate**, National Standard Examination in Junior Science (NSEJS) for being in State Top 1 Percent.

Skills

Programming Languages	Java, C, C++, Dart, JavaScript, Python, Swift, LaTeX
Packages and Environments	Android Studio, VSCode, Flutter, Django, React-Native, Sckit-Learn, Tensorflow, Keras, Pytorch
Utilities	Vim, Git, Bash Shell
Languages Known	English, Hindi, Punjabi

Extracurricular Activity

Mobile Development Group (MDG) *IIT Roorkee, India*

Developer *Jan, 2020 - Present*

- Involved in exloring exciting software stuff.
- Created various mobile applications for the IITR community.

National Service Scheme (NSS) *IIT Roorkee, India*

Volunteer *July, 2019 - May, 2020*

- Actively participated in various cleaning drives.
- Created social awareness by participating in rallies.
- Encouraged people to donate blood for the blood camp organized by NSS in collaboration with IITR hospital.