# ARUNABH GUPTA

## IIIRD YEAR BTECH CSE (CORE)

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**CONTACT**

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## EDUCATION

### BTECH (PURSUING)
VIT Vellore
2023 - 2027 | CGPA **9.3**

### 12TH
Neelkanth Vidyapeeth
2022 | GRADE **9.36**

### 10TH
Neelkanth Vidyapeeth
2022 | GRADE **9.46**

## SKILLS / STACK

Flutter App Developer

Machine Learning

Firebase

Google Cloud

ROS2 AI Model Integration

Android Studio

Event Management

Decision Making

## HOBBIES

3D Design & Simulation

Reading Tech Blogs

Playing Strategy Games

## SUMMARY

Motivated and hands-on engineering student passionate about applying AI/ML to real-world challenges in robotics, defense, and mobile applications. Experienced in developing smart systems by integrating computer vision and machine learning models with embedded platforms such as Raspberry Pi and ESP modules.

As the App Development Head of RoboVITics, VIT Vellore's official robotics club, I lead innovative projects, mentor juniors, and organize flagship technical events. Completed a research-focused internship at DRDO, working on robotics and intelligent systems for defense applications, gaining exposure to mission-critical problem solving.

Driven by curiosity and innovation, I aim to bridge the gap between AI/ML, robotics, and edge computing to build impactful, future-ready solutions.

## TECHNICAL EXPERIENCES

### APPDEV & PROJECTS HEAD

*RoboVITics | 2025 (ongoing)*

Led a team to develop mobile apps for robotic projects, organized Flutter development sessions, and managed project contributions for flagship events like GraVITas.

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### DRDO INTERNSHIP

*19$^{th}$ May 2025 - 30$^{th}$ June 2025*

Completed a Robotics intership at RCI, DRDO gaining hands-on experience in real world defence applications.
Integrated Perception Models on Custom Hardware.
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### HACKBATTLE ( IEEE CS) WINNER

*24$^{th}$ & 25$^{th}$ September 2025*

Developed a 2D platformer game with an innovative blink-based world-switching mechanic, enabling dynamic terrain navigation and immersive gameplay.