

# ARUNABH GUPTA

## IIIRD Year BTech CSE (Core)

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## EDUCATION

2023-2027	<b>BTECH (PURSUING)</b> VIT VELLORE <b>CGPA:</b> 9.3/10
2022	<b>12TH</b> NEELKANTH VIDYAPEETH RESIDENTIAL SCHOOL <b>PERCENTAGE:</b> 93.6 %
2020	<b>10TH</b> NEELKANTH VIDYAPEETH RESIDENTIAL SCHOOL <b>PERCENTAGE:</b> 94.6 %



## TECHNICAL EXPERIENCE

MAY 2025	<b>INTERNSHIP</b>
JUNE 2025	RCI, DRDO <ul style="list-style-type: none"><li>Worked on developing intelligent defense systems integrating robotics, embedded AI, and real-time data processing.</li><li>Gained hands-on experience with sensor fusion, autonomous control, and AI-driven decision-making systems.</li><li>Collaborated with researchers to design and test algorithms for mission-critical defense applications.</li></ul>
MAR 2025	<b>APP DEV &amp; PROJECTS LEAD</b>
NOW	RoboVITics, The Official Robotics Club of VIT <ul style="list-style-type: none"><li>Leading the design and development of cross-platform mobile applications, ensuring scalable architecture and seamless user experience.</li><li>Overseeing interdisciplinary robotics and AI projects from concept to deployment, coordinating teams and ensuring timely, high-quality outcomes.</li></ul>



## PROJECTS

<b>STACK</b>	<b>ROBOWARS APP</b>
<ul style="list-style-type: none"><li>FLUTTER</li><li>FIREBASE</li><li>GCP</li><li>KOTLIN</li><li>NO SQL DB</li></ul>	<b>Real-Time Combat Robotics Event Manager</b> <ul style="list-style-type: none"><li>A cross-platform app for managing RoboWars events with live score updates, match tracking, team communication, and admin control in real time.</li><li>Deployed on <a href="#">Play Store</a></li></ul>
<b>AI APP DEV</b>	<b>ARTISAN REEL APP</b>
<ul style="list-style-type: none"><li>FLUTTER</li><li>GCP</li><li>MODEL GARDEN</li><li>CLOUD STORAGE</li><li>TTS API</li><li>FIREBASE</li></ul>	<b>AI - Powered Reel &amp; Marketplace</b> <ul style="list-style-type: none"><li>Developed an AI-powered app that generates reels for artisans by processing user images through Google Cloud Model Garden, embedding TTS narration, and storing outputs in Firebase-integrated Cloud Storage.</li></ul>



## PROFFESIONAL SUMMARY

Motivated engineering student focused on applying AI and ML to build intelligent, user-centric applications. Experienced in developing cross-platform apps that integrate real-time data processing and embedded AI. Passionate about creating innovative solutions that bridge artificial intelligence, mobile technology, and robotics to solve real-world problems.

## SKILLS

- AI/ML
- FLUTTER
- FIREBASE
- GOOGLE CLOUD
- ROS2
- INTEGRATION
- ANDROID STUDIO
- GIT AND GITHUB
- KOTLIN
- JAVA
- MYSQL/ SQLPLUS
- EVENT MANAGEMENT
- TEAM LEAD
- DECISION MAKING UNDER PRESSURE
- INITIATIVE
- CREATIVITY

## CERTIFICATES

- The Complete Flutter Development Bootcamp with Dart
- HACKBATTLE (WINNER)  
Made [Godot Game](#) with Blink Detection

## LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- German (Basics)