Aniket Raj

 Github | in LinkedIn | 🌐 Portfolio | ✉ E-Mail | 📱 Phone

SUMMARY

I'm a fourth-year B.Tech student specializing in Computer Science and Engineering. With a strong foundation in programming, data structures and algorithms, I'm passionate about leveraging technology to solve real-world problems. I'm driven by curiosity and a desire to innovate. Be it developing a new app, optimizing an algorithm, or exploring the latest trends in AI and machine learning, I'm always eager to learn and grow.

PROJECTS

Project KARL   Project KARL ↗

- AI personal assistant boosting productivity and streamlining daily tasks.
- Uses NLP and ML to understand queries and give accurate answers.
- Provides task and calendar management plus personalized recommendations.
- Simplifies complex tasks, improving personal and professional efficiency.

Raptor   Raptor ↗

- AI smart helmet enhancing rider safety with real-time accident detection and emergency alerts.
- Combines IoT sensors, AI crash detection, and automated emergency response.
- Tackles delayed medical aid in two-wheeler accidents.
- Auto-detects crashes and notifies emergency contacts with live location.

Plastecure   Plastecure ↗

- Smart system combating plastic waste through bottle recycling.
- Uses TensorFlow Lite, Arduino Uno, ESP32 (Wi-Fi + cam) & ultrasonic sensors for efficiency.
- Incentivizes and automates bottle return with ML-based classification.
- Promotes sustainability by reducing plastic waste and improving recycling.

EDUCATION

2022 - present	B.Tech (CSE) at **DIATM**	
2022 - 2020	Intermediate Degree at **BVP CPR**	(CGPA: 7.6)
2020 - 2018	Secondary Degree at **BVP CPR**	(CGPA: 8.6)

SKILLS

Languages	Kotlin, Java, Python, HTML5, CSS3, Javascript, SQL
Android Development	Android SDK, Retrofit, OkHttp, Coroutines, Flow, Dagger Hilt, Firebase Integration, Unit & UI Testing
AI & Automation	TensorFlow Lite, Keras, Scikit-learn, Pandas, NumPy, OpenCV, Selenium, Scripting