

# KSHITIJ RADOTRA

MALE, 22

MOBILE: +91-8492094857 EMAIL ID: KSHITIJRADOTRA@GMAIL.COM

## EDUCATION

Course	Year	Institute	CGPA/%
B. Tech Computer Science and Engg.	2021-25	Vellore Institute of Technology, Vellore	8.85
CBSE (Class XII)	2020	G. D. Goenka Public School, Jammu	89.6%
CBSE (Class X)	2018	G. D. Goenka Public School, Jammu	87.5%

## CERTIFICATIONS

- **AWS Certified Cloud Practitioner** *Feb 2024 - Feb 2027*
  - The AWS Certified Cloud Practitioner validates foundational, high-level understanding of AWS Cloud, services, and terminology.
- **AWS Certified Solutions Architect Associate** *Feb 2024 - Feb 2027*
  - The AWS Certified Solutions Architect Associate validates ability to design and deploy well-architected solutions on AWS that meet customer requirements.

## PROJECTS

- **Waste Classification Mobile App:**
  - Designed and developed a Waste Classification Android app using Flutter and TensorFlow.
  - Classified user-clicked images into 6 different categories of waste.
  - Integrated a CNN model trained on a dataset of 2500 images using transfer learning on the InceptionV3 model.
  - Achieved a test accuracy of 87%.
  - Technologies used: Flutter, TensorFlow, InceptionV3, CNN.
- **VolumeValet - Volume Remote Control App:**
  - Developed an Android app using Flutter to control PC volume over a local network.
  - Implemented swipe and tap gestures for volume adjustment.
  - Included one-tap mute/unmute and media playback controls.
  - Technologies used: Flutter, Flask, Python.

## POSITIONS OF RESPONSIBILITY

- **Volunteer - Yuva Bharat (Ongoing)**
  - Active participant in organizing and conducting events focused on personality development for the youth of Jammu and Kashmir.
  - Coordinated with speakers and managed social media for the organization.
- **Team Member - CATerpillar Hackathon, 2024**
  - Collaborated in a team to develop an AI solution for predicting component failures.
  - Analyzed historical and usage data to proactively detect potential equipment/component failures.

## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Participated in CATerpillar Hackathon, 2024
- Participated in Flipkart GRID 4.0 Hackathon, 2024

## OTHER INFORMATION

- Programming / Scripting Languages: C++, C, Python, Java, SQL
- Frameworks and tools: Git, ReactJS, Flutter, TensorFlow
- Soft skills: Analytical Thinking, Research Proficiency, Effective Communication, Collaboration, Adaptability, Willingness to learn.
- Interests: Data analysis and machine learning, mobile app development, AI-driven technologies.
- Learning: Continuously improving skills in ReactJS, TensorFlow, and Python.