

KHUSHI YADAV

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Professional Summary

Electronics and Communication Engineering undergraduate with hands-on experience in Android development, embedded systems, and software fundamentals. Strong problem-solving skills with practical exposure to real-world projects, leadership roles, and technical event management.

Education

KIET Group of Institutions, Ghaziabad

B.Tech – Electronics & Communication Engineering (ECE) | 2023 – 2027

CGPA: 7.7/10

12th – CBSE (PCM) | 2022 – 2023 Percentage: 81.4%

Percentage: 81.4%

10th – CBSE | 2020 – 2021 Percentage: 83.4%

Percentage: 83.4%

Technical Skills

- Programming Languages: C, C++, Kotlin, Python
 - Web Technologies: HTML, CSS, JavaScript
 - Mobile App Development: Android SDK, RESTful APIs, UI/UX Design (Figma)
 - Embedded Systems: ESP32, Arduino, Microcontrollers, Sensor Integration
 - Tools & Platforms: VS Code, Arduino IDE, Canva, Accord
 - Core Strengths: Data Structures Basics, Problem Solving, Debugging.

Projects

- Seed Sowing Rover

Designed and implemented an automated rover using embedded systems for precision agriculture.

Improved efficiency by reducing manual intervention through motor control and sensor integration.

- Safety Companion

Developed a real-time safety monitoring solution using sensors and alert mechanisms.

Enhanced situational awareness through automated notifications.

- Vidya Connect – Digital Learning Platform

Built a digital education platform enabling interaction between students and educators.

Focused on accessibility, structured content delivery, and user-friendly design.

- Soil Analyzing Platform

Created a system to analyze soil parameters for informed agricultural decision-making.

Enabled real-time data monitoring to support crop planning.

- Food Delivery App

Developed an Android-based food delivery application using Kotlin.

Implemented features like user authentication, order placement, and real-time updates.

Achievements & Certifications

- Solved **100+ problems** on LeetCode, strengthening data structures and algorithmic thinking.

Leadership & Experience

Team Captain – KIET Kabaddi Girls Team (Zonal Player) Led team strategy and performance as Vice-Captain. teamwork, discipline, and motivation to achieve competitive excellence.

Event Coordinator – Prastuti Fest (2025) Coordinated college-level cultural and technical events. Worked with cross-functional teams to ensure smooth execution.

Core Member – (TEDx KIET) Contributed to event planning, speaker coordination, and audience engagement.

Active MUN Participant Participated in 5 Model United Nations conferences, gaining exposure to global policy, negotiation, and public speaking.

Fundraising Intern – (Muskurahat Foundation) Executed donor outreach campaigns and supported fundraising initiatives. Contributed to social impact programs through organized campaign execution.

Declaration

I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief.