

SWATI SHARMA

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EDUCATION

Dronacharya Group of Institution

Greater Noida, India

Bachelor of Technology in Computer Science and Engineering (2027)

PROJECTS

SAFEbite | Java, Android Studios, Firebase, XML | [Link](#)

- Designed an Android app for 357 million food allergy sufferers across the world, offering safe alternatives with similar nutritional value.
- Integrated a database of 3,000+ recipes to enhance dietary accessibility.

VERBIX | Java, XML, Google Cloud Vision API, Google ML Kit, Firebase | [Link](#)

- Developed an educational Android app for every 10-15% Indian children with learning disabilities, using Google Cloud Vision API to analyse handwriting patterns and identify common learning obstacles
- Integrated speech recognition with 75+ practice exercises including touch-based word formation and speech pattern improvement modules

ANDROID QUIZ APP | Java, Firebase, Firestore, XML, Android Studios | [Link](#)

- Created a Christmas-themed quiz app serving 46 workshop participants with Firebase authentication and real-time Firestore leaderboard tracking
- Enhanced learning through gamified UI with 8+ animations and automated feedback system highlighting top 3 winners based on time and accuracy.

LEADERSHIP SKILLS & INTERESTS

Android Lead - Google Developer Groups On Campus

[DGI, Noida, India \(2024-25\)](#)

Led the Android Club to develop Android applications, which resulted in a 30% increase in member engagement and a 25% boost in successful project completions.

Skills: Java, React, Node.js, SQL, Android Development, Figma, Git (version control), Firebase, RESTful APIs

Vice President at Ainnov8, the technical society of DGI

[DGI, Noida, India \(2024-25\)](#)

Led a group of 600+ students alongside President Anshika Jain, managing technical and leadership responsibilities for society events and organizational activities.

Skills: Python, Machine Learning, Technical Communication, Team Leadership, Event Management, Public Speaking

ACHIEVEMENTS

- First Place in **Dron-Hackathon 2024** with **Verbix**, an educational app for children with learning disabilities.
- Second Place in **Dron-Hackathon 2023** with **Safebite**, an Android app helping food allergy sufferers find safe alternatives.
- Winner of the **Web Designing Competition** at **Dron-Pratibimb 2024**, showcasing creativity and technical proficiency in web design.
- Achieved **25th Rank** in the **Java Excellency Quiz** on Unstop, resulting in an internship offer at **AvaIntern EduTech**.
- Recipient of the **Dron Arjun Award** for **exceptional achievements** in first year, recognizing dedication and performance.