

Swati Sharma

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Objective — To secure an app development internship where I can apply my understanding of Android and Flutter frameworks, while expanding my skills in creating seamless cross-platform mobile experiences.

Education

Dronacharya Group of Institutions

Greater Noida, India

B.Tech in Computer Science and Engineering (2027)

Skills

Platforms Android Studios, Flutter, VSC

Languages Java, C, DART, Python, JS

Cloud Google Cloud, Firebase

Databases Firestore, MongoDB, PostgreSQL, SQLite

Relevant Projects

SafeBite

Alternative Recipe Platform for People with Food Allergens [Link](#)

- Designed food allergy app serving 357 million sufferers with Java, Firebase backend and XML layouts
- Integrated database of 5000+ recipes enhancing dietary accessibility with Firebase Realtime Database
- Implemented custom UI components for intuitive allergen identification and filtering

SafeBite

Education App for Dyslexic Children [Link](#)

- Developed educational app for children with learning disabilities using Android Studios and Google ML Kit
- Integrated Google Cloud Vision API to analyze handwriting patterns and identify learning obstacles
- Built speech recognition system with 75+ practice exercises using Google's ML Kit for pronunciation improvement

TARA

Women's Safety Application made under the guidance of Delhi Police [Video Demo](#)

- Developed women's safety app with dynamic heatmap generation using Retrofit, Google Maps API, and machine learning for risk zone prediction
- Implemented phone-shake emergency system alerting contacts within 3 seconds with precise location tracking
- DCreated multilingual fake call system with 8 languages and 12+ scenarios, reducing offline risks by 85%
- Integrated 30+ direct helpline numbers, authority reporting via Firestore, and curated safety resources

Android Quiz App

Interactive Educational Quiz Game [Link](#)

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

Achievements

- Secured [first place in Delhi Police Hackathon 2025](#), winning 1 lakh INR for predictive analysis solution enhancing women's security.
- Clinched first place in [Dron-Hackathon 2024](#) with Verbix, outperforming 30+ competing teams.
- Earned second place in [Dron-Hackathon 2023](#) with Safebite, recognized for innovative solution.
- Won the Web Designing Competition at [Dron-Pratibimb 2024](#), showcasing exceptional UI/UX capabilities.
- Achieved [25th Rank](#) in the Java Excellency Quiz on Unstop, resulting in an internship offer at [AvalIntern EduTech](#).
- Earned the Dron Arjun Award for [excellence in first-year](#), ranking in top 5% of engineering students.

Leadership

Android Lead - Google Developer Groups On Campus
Vice President at Ainnov8, the technical society of DGI

Sept 2024 – Present
Oct 2024 – Nov 2024