DHANANJAY KUMAR

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SUMMARY

Software Developer with experience in Android development, problem solving, and robotics/embedded systems. Built Android apps using Java and Kotlin, including an Instagram UI clone, Firebase-based Notes app, and Food Ordering app. Strong in DSA (750+ problems, 1600+ rating, 51st rank in IMC Prosperity) with active involvement in MARC Robotics Club and GDG.

SKILLS

- **Languages:** C++, C, Python, JAVA, Kotlin
- **Tools/Frameworks:** YOLO, MATLAB, Flutter Flow, Jetpack Compose, Firebase, Room Database
- **Technical:** Android App Development, Computer Vision, Image Processing, Data Structures & Algorithms, Competitive Programming, Robotics, Problem Solving

EXPERIENCE

Android Developer, Google Developer Group (GDG) August 2025 – Current
IIITS, SURAT
- Conducted hands-on Android workshops at colleges, mentoring students in Java/Kotlin, UI design, and Firebase integration.

Lead, MARC Robotics Club January 2024 – Current
IIIT Surat, India
- Lead member at MARC Robotics Club; organized and managed robotics events like Line Follower and Form Track.
- Mentored students in Arduino, sensors, and robot debugging while overseeing event execution and technical evaluation.

Algorithm Designer, IMC Prosperity April 2025 – 2025
- Participated in the prestigious IMC Prosperity algorithmic contest.
- Achieved 51st rank in India and 121st rank globally among Lakhs of participants.

EDUCATION AND TRAINING

B.Tech in Electronics and Communication Engineering Expected January 2026
Indian Institute of Information Technology (IIIT), Surat **GPA: 8.04**

WEBSITES, PORTFOLIOS, PROFILES

- LeetCode   —   GitHub   —   LinkedIn

ACCOMPLISHMENTS

- Solved 650+ coding problems across various platforms.
- Competitive Programming Contest Rating: 1600+

PROJECTS

Leaf Detection & Classification — *Python, YOLO, Computer Vision*
- Developed a real-time object detection model using the YOLO (You Only Look Once) architecture to identify and classify plant leaves.
- Optimized the model for high accuracy in image processing and computer vision tasks.

Instagram App Clone — *Java, XML*
- Created a responsive Instagram-like UI with Home, Profile, and Explore screens.
- Integrated interactive features including likes and comments using RecyclerView.

Notes App — *Kotlin, XML, Firebase*
- Built a multi-user application with secure Google Authentication.
- Implemented full CRUD operations and real-time synchronization across devices.

Food Ordering App — *Kotlin, XML, Firebase*
- Developed dual sign-in functionality for users and retailers.
- Integrated location tracking for auto-fill addresses and real-time order tracking.

LANGUAGES

- **English:** Upper Intermediate (B2)
- **Hindi:** Native