Shivam Yadav

Flutter App Developer — Electronics and Communication Engineering

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TECHNICAL SKILLS

Programming: Python, Dart, C++ (Basic)
App Development: Flutter, Android App Development, UI Development
ECE Concepts: Digital Logic, Signals and Systems, Communication Engineering
Tools: Git, GitHub, MATLAB, Arduino

PROJECTS

GradeCap — Flutter Android Application

- Developed an all-in-one academic management app for CGPA calculation, attendance tracking, and exam planning
- Designed a clean, distraction-free UI with dark mode support and full offline functionality

Nostalgia — Flutter Android Application

- Developed a memory-focused Android application with clean UI and smooth navigation
- Built and tested APK on real Android devices

Life Simulator — Flutter Android Application

- Created a decision-based life simulation app with dynamic stat tracking
- Implemented reusable widgets and logic-driven outcomes

Signal Generator and Plotter — Python

- Developed a Python tool to generate and visualize sine, square, and triangular signals
- Implemented configurable amplitude, frequency, and phase parameters

Digital Modulation Scheme Visualizer — Python

- Built a Python application to visualize ASK, FSK, and BPSK modulation techniques
- Strengthened understanding of digital communication concepts through waveform analysis

TRAINING AND INTERNSHIP

InAmigoes   Content Writing Intern

- Created and edited digital content for online platforms
- Improved professional communication and deadline management skills

EDUCATION

Chandigarh University
Bachelor of Technology — Electronics and Communication Engineering
Expected Graduation: 2027

RELEVANT COURSEWORK

Signals and Systems, Digital Electronics, Communication Engineering, Microprocessors, Linear Algebra