

# AMAN RAMAKANT UDEWAL

FINAL-YEAR COMPUTER ENGINEERING | FLUTTER & PYTHON DEVELOPER

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## SUMMARY

I am a motivated final-year IT student with hands-on experience in Flutter, Python, and React. I have developed AI-powered applications and scalable mobile solutions, and I am eager to contribute to innovative software projects at leading tech firms.

## EDUCATION

### B.E. in Computer Engineering

**Sandipani Technical Campus Of Engineering**

08/2022 - 06/2026 Latur

### Higher Secondary (12th Grade)

**Reliance College**

04/2020 - 04/2022 Latur

### Secondary School (10th Grade)

**Shri Deshikendra Vidyalaya**

05/2017 - 01/2020 Latur

## PROJECTS

### NEXUS

**NEXUS** is a premium, cross-platform audio engine that bridges the gap between streaming and offline playback. It serves as a high-performance **Spotify-to-MP3 converter** wrapped in a futuristic "**Noir Glass**" interface.

- The Engine: A Python-powered backend that converts Spotify links into high-quality audio files instantly.
- The Library: A fully integrated offline music player with advanced controls (Volume Pill, Scrubbing, Next/Prev).
- Cinematic UI: A sleek, adaptive design featuring glowing elements, liquid glass animations, and a dynamic Day/Night 'Cyberpunk' theme.

### Smart Student Mental Health Assistant (SIH 2025)

Flutter, Python (Flask), Supabase

- Developing a comprehensive mental health tracking application for students as part of the **Smart India Hackathon (SIH) 2025**.
- Built a cross-platform frontend for mood tracking and accessing mental health resources. **Flutter**

### Summify

AI-Powered Summarization app that processes and summarizes documents

- Developed a Flutter app integrating NLP models for document summarization
- Implemented Flask backend with BERT/BART models for text analysis
- Created a productivity tool that condenses long documents into concise summaries using BERT/BART models.
- Integrated a Python backend to handle Natural Language Processing (NLP) tasks efficiently.

## KEY ACHIEVEMENTS

### Summify Productivity Tool

Enhanced productivity by 60% using AI-powered summarization app for document processing.

### Flutter Code Optimization

Increased Flutter code efficiency by 75% using innovative development techniques in recent projects.

## STRENGTHS

### Problem Solving

Adaptability & Quick Learning

### Communication

Effective communication skills

## SKILLS

Flutter	Python	Gmail	React	OOP
Data Structures	C/C++	Java	Dart	
JavaScript	HTML	Bootstrap	Tailwind	
Three.js	Google Firebase	SQL	Git	
GitHub	Visual Studio Code	Android Studio		
NLP	Flask			