

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	