

# AMANPREET SINGH

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## SUMMARY

Passionate **Software Developer** focused on building backend systems and intuitive web applications. Skilled in **backend development**, machine learning **model deployment**, and scalable cloud integration. Passionate about solving **real-world** problems using data and intelligent systems.

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## EXPERIENCE

### Software Development Engineer Intern at Lafleurtech

Mar 2025 - Present

- Developed and deployed **RAG-based** intelligent systems for government organizations including JAC Chandigarh and NDMC Delhi.
- Built a **self-service data** integration platform allowing clients to seamlessly incorporate custom datasets into RAG systems,

### Flutter Developer Intern at Celebrare

Dec 2024 - Mar 2025

- Collaborated with various teams to develop the **iOS** app for **Celebrare**, which is their main application, as well as **WowInvite**, their newest offering.
- Participated in iterative testing, bug-fixes, and UX enhancement with **design & QA** teams.

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## EDUCATION

### B. E. in Computer Science and Engineering

Dec 2021 - 2025

Chandigarh college of engineering and technology,

8.0 CGPA

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## PROJECTS

### 1. FileShare

Nextjs, Nestjs, Appwrite, Shadcn UI, JWT

- A modern, secure file sharing platform built with **3-tier Architecture**. **Share files** with **expirable links**, **track downloads**, and manage your **uploads** with a beautiful, responsive interface.

### 2. Music Level

Nestjs, Supabase, JWT, Shadcn UI, Gemini API

- Designed an **AI-powered Full Stack** Application which allows user to choose the **instruments** they want and then they could generate the **specific tune or music** in that instrument.

### 3. Meetings Summarizer

Nextjs, ShadcnUI, Fastapi, Groq API

- Developed and executed a comprehensive **web application** that enables users to upload their **meeting videos**, which are then summarized. Additionally, the platform allows users to ask related questions.

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## TECHNICAL SKILLS

**Languages:** Python, C/C++, JavaScript, java, Rust

**ML/AI Tools:** Pandas, NumPy, Scikit-learn, XGBoost, Tensorflow/Pytorch

**Frameworks:** React, Next Js, Express Js, Flutter, Nestjs, Fastapi, Flask

**Cloud:** AWS (Intermediate), Google Cloud (Intermediate)

**Deployment Tools:** Docker, Git, GitHub

**Databases:** MySQL, MongoDB, PostgreSQL

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