

# Aprampreet Singh

Full Stack Developer | B.Tech CSE, GNDU University

[Linkedin](#) | [Portfolio](#) | [Github](#)

aprampreet8@gmail.com |

+91 8544812040 |

Amritsar, India

## Professional Summary

Full-stack web developer with hands-on experience in Django, Fast API, React, JWT and RESTful APIs. Skilled in building AI-integrated applications. Strong foundation in backend development, API integration, and responsive UI design. Ready to learn new technologies and frameworks, adapt quickly, and passionate about creating scalable, real-world solutions.

## EDUCATION

**Guru Nanak Dev University, Amritsar** Bachelor of Technology, **Spring Dale Senior School, Amritsar**  
Computer Science Engineering | 2024 - 2028 10th CBSE - 95% | 12th CBSE - 87.5%

## PROJECTS

### Doctor AI & Appointment System- [Github](#)

A full-stack healthcare platform powered by AI for medical report summarization and smart doctor recommendations.

Key Features:

- Users can upload medical reports which are summarized using GROK AI.
- The system intelligently recommends doctors based on extracted symptoms and medical content.
- Includes real-time appointment booking with doctor availability.
- Role-based authentication system for patients, doctors, and admins.
- Admin dashboards to manage users, appointments, and doctor profiles.
- Dynamic and responsive frontend for ease of use on all devices.

**Tech Stack:**

Django, Django-Ninja, GROK API, React, TailwindCSS, PostgreSQL, Redis, Celery, OCR

### YouTube Short Converter with Styling –

A web application that converts YouTube videos into vertical Shorts with AI-generated subtitles and advanced styling.

Key Features:

- Downloads and trims YouTube videos automatically to the best segment using OpenCV scene detection.
- Resizes videos for vertical format with background blur and optional visual effects via FFmpeg.
- Generates accurate subtitles using OpenAI Whisper and applies ASS-formatted custom styling.
- Interactive React UI for selecting fonts, colors, sizes, and previewing subtitles in real time.
- Built with Django Ninja backend, JWT-secured API endpoints, and optimized media file handling.

**Tech Stack:**

Django, Django-Ninja, React, JavaScript, TailwindCSS, PostgreSQL, OpenCV, Ffmpeg, Whisper

## SKILLS

**Languages:** Python, JavaScript, C++, CSS, HTML

**Frameworks:** Django, Django-Ninja, Fast API, React, Next Js, TailwindCSS, Bootstrap

**Technologies:** REST APIs, OpenAI API, PostgreSQL, MongoDB, SQLite, Firebase, Supabase, Redis, Celery, JWT

**Tools:** Git, GitHub, VS Code, Cursor

## ACHIEVEMENTS

- 2<sup>nd</sup> Position - Ideathon by ECE Society, GNDU
- 2<sup>nd</sup> Position - Hackathon by Node Hash Groups
- 3<sup>rd</sup> Position - Hackathon by Physics Dept, GNDU
- Top 20 - Hackathon by Punjab Engineering College