

# SAMARTH PATEL

+91 8320181139 | [samp231004@gmail.com](mailto:samp231004@gmail.com)

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

## Projects

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### MERN Stack Streaming Platform [Live Link](#)

Built an interactive video streaming platform utilizing the MERN stack:

- **Video Management:** Users can **view** and **upload** videos easily.
- **Engagement Features:** Integrated functionalities to **add** or **delete comments** and **like videos**.
- **Robust Performance:** Designed with a focus on **efficient data handling** and **smooth user interactions**.

### Full-Stack Blog Platform [Live Link](#)

Engineered a robust blog platform using **Appwrite** and **React**, featuring:

- **User Authentication:** Secure login and registration for accessing image-enhanced posts.
- **Seamless Navigation:** Deployed full routing for seamless user experience
- **Post Management:** Facilitated user post creation with slugs using **Tiny Cloud** for a rich text editor. Integrated image upload functionality
- **Content Control:** Provided edit and delete options for users to manage their content effortlessly.

## Other Projects

- **Rice Type Classification** [GitHub Link](#)

Developed a web application for rice type classification using **Flask** and **TensorFlow**.

- **User Interface:** Designed with HTML and CSS for smooth image uploads and accurate result display.
- **Backend & ML Integration:** Utilized Flask for backend services and TensorFlow for image classification.
- **Code Quality:** Guaranteed high performance and reliability through clean and efficient code, with Git and GitHub for project management.

- **Spotify Clone** [Live Link](#)

Created a responsive **Spotify clone** featuring:

- **Core Music Controls:** Includes **play/pause**, **volume control**, **track navigation**, and **progress tracking**.
- **User-Friendly Interface:** Designed for a clean, interactive user experience.
- **Deployment:** Launched on a live server with detailed **version control** and documentation via **Git** and **GitHub**.

## Experience

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**Remote Internship** | Artificial Intelligence with Google TensorFlow | SmartInternz

- Acquired hands-on experience in AI and ML, engineered projects using **Google TensorFlow**.

## Skill Highlights

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- **Object-Oriented Programming (OOP):** Strong grasp of OOP principles for effective software design.
- **Data Structures and Algorithms:** In-depth knowledge, continuously expanding expertise.
- **Programming Languages:** Proficient in **R**, **C/C++**, and **Python**, with a focus on delivering practical solutions.
- **Web Development:** Full Stack Web Developer specializing in the **MERN stack** (MongoDB, Express, React, Node.js) with expertise in creating dynamic, responsive applications. Skilled in both frontend and backend development for cohesive, full-stack solutions

## Education

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**Vellore Institute of Technology ( 2022 – 2026 )**