

SAMARTH PATEL

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Projects

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.

Spotify Clone [Live Link](#)

Created a fully responsive Spotify clone featuring:

- **Core Functionality:** Play/pause, volume control, track navigation, and progress tracking.
- **User Experience:** Designed a clean, interactive, and user-friendly interface.
- **Deployment:** Deployed on a live server with comprehensive version control and documentation via Git and GitHub.

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.

Experience

Remote Internship | Artificial Intelligence with Google TensorFlow | SmartInternz

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

Skill Highlights

- **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:** Expertise in **HTML**, **CSS**, **JavaScript**, with advanced skills in **React** and **Next.js** for dynamic, responsive web applications. Knowledgeable in **backend development**.

Education

Vellore Institute of Technology (2022 – 2026)

Bachelor of Technology (Btech) in Computer Science with Business System