

Ajay Rama Patgar

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SKILLS

Language	Frame Works	Core Concepts	Soft Skills
- Javascript - Python - Java - C - Php - SQL - Bash	- React - Angular - Flask - Spring Boot	- DSA - Opp's - Operating System - Networking - DBMS - Cyber Security	- Documentation - Communication - 3D Animation

EDUCATION

SSLC , BGS central school ,Mirjan	Percentage - 76%
Pre University Education , Dr A.V.Baliga College	Percentage - 71.83%
BCA , Karnataka University Dharwad	CGPA-7.67
MCA , PES University	Bengaluru,India

PROJECTS

Face-box

A real-time video conferencing platform developed using Next.js for a scalable and high-performance frontend and Tailwind CSS for responsive, modern UI design. The application enables users to initiate and join video calls seamlessly through the browser without additional software.

Key Features:

- Real-time Communication: Integrated WebRTC for peer-to-peer video and audio streaming with minimal latency.
- User- Authentication: user authentication using clerk .
- User-Friendly Interface: Tailwind CSS powered components for a clean, responsive, and mobile-friendly design.
- Room Management: Securely create, join, and manage meeting rooms with unique session IDs.
- Cross-Platform: Fully functional across desktop and mobile browsers. Tech Stack: Next.js, Tailwind CSS, Stream, WebRTC, Clerk, Node.js

DragonFlix

Implemented a user-friendly streaming catalogue interface (inspired by Netflix) that fetches, displays and navigates multimedia content — demonstrating skills in UI/UX layout, data fetching, state-management and responsive design.

- Front-end engineering: React/TS, component-based architecture, UI design
- Managed state and props effectively in React for handling user interactions and displaying updated API data.
- API integration for content metadata, search/filter functionality, responsive design for mobile, state-management
- Implemented asynchronous data fetching using Axios / Fetch API with error handling and loading states for smooth user experience.
- Added search and filter functionalities to allow users to browse specific genres, trending movies, or top-rated content dynamically from API endpoints.