# **Pranjul**

# Full-Stack Developer

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https://portfolio-git-main-pranjul-jangras-projects.vercel.app/
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## **SUMMARY**

As a Full Stack Developer, I bring a comprehensive understanding of both frontend and backend technologies to deliver complete, scalable, and user-centric web applications. My expertise spans the entire software development lifecycle—from designing responsive and engaging user interfaces to developing robust server-side logic and integrating secure databases. I thrive in dynamic environments where creativity meets problem-solving, and I'm passionate about turning complex ideas into practical, high-performing digital solutions.

On the frontend, I specialize in modern frameworks like React.js, utilizing component-based architecture to build interactive and responsive user experiences. I'm proficient in HTML5, CSS3, JavaScript (ES6+), and various UI libraries, with a strong focus on accessibility, search engine optimization, performance optimization, and cross-browser compatibility.

On the backend, I have hands-on experience with Node.js and Express.js, creating RESTful APIs, managing middleware, and handling asynchronous operations. My database knowledge includes working with MongoDB and Mongoose, enabling me to design flexible and efficient data models. I ensure security best practices are followed, such as authentication and authorization with JWT, secure credential storage, role-based access control, and following MVC folder structure.

I'm well-versed in Git-based version control and collaborative workflows, CI/CD pipelines, and deployment platforms like Render, Vercel, or Netlify. I've also integrated third-party services like Cloudinary, Nodemailer, geoapify, headless UI, recharts, motion and firebase.

I believe in clean, maintainable code, clear documentation, and continuous learning. I enjoy contribute to new ideas, solve bugs, and build scalable features that enhance user experience and business value.

With a strong foundation in the MERN stack (MongoDB, Express, React, Node), I'm committed to delivering full-fledged applications that are robust on the backend and seamless on the frontend, ensuring a smooth and engaging experience for users.

# **EDUCATION**

Bachelor of science, Manohar Memorial PG College Computer science	2021 – 2024   Fatehabad
12th class, ST JOHN'S INTL SCHOOL Non-med (PCM)	2020 – 2021   Fatehabad

# **TECHNICAL SKILLS**

## **Frontend Development:**

- HTML5, CSS3, SCSS, Tailwind CSS, JavaScript (ES6+)
- React.js, Redux Toolkit, JSX, Responsive Design, Web Accessibility (WCAG), Search Engine Optimization

#### **Backend Development:**

Node.js, Express.js, RESTful APIs, MongoDB, Mongoose ODM

#### **Version Control & Collaboration:**

• Git, GitHub

# **Deployment & Hosting:**

• Vercel, Render, Netlify, GitHub Pages

## **Testing & Debugging:**

• Postman, Chrome DevTools

#### **Authentication & Security:**

JSON Web Tokens (JWT), bcrypt, CORS, Role-Based Access Control (RBAC)

#### **Cloud & Media Handling:**

• Cloudinary, Firebase (basic)

#### Other Tools & Libraries:

• Nodemailer, Dnd-kit, Sortable.js, Framer Motion, dotenv, Firebase, Cloudinary

#### **SOFT SKILLS**

- Problem solving
- Adaptability
- Attention to detail
- · Time management
- · Agile learning

#### **PROJECTS**

#### Sonexa - Music streaming web application ☑

https://sonexa-chi.vercel.app ☑

#### **Key Features:**

- **User Authentication & Authorization**: Secured user login and registration using JWT and bcrypt. Sessions remain persistent across devices until manually logged out. Includes protected routes for authenticated users only.
- **Audio Upload & Management**: Artists can upload audio tracks through secure backend APIs connected to Cloudinary. Includes functionality to delete tracks and manage uploads with proper server-side validation and file handling.
- **Music Categorization & Discovery**: Songs are grouped by genres (e.g., Trap, Indian Classical, Afro-Cuban) and displayed using paginated views. Users can explore trending, latest, and user-grouped music easily.
- **Responsive UI & SCSS**: Developed a sleek, responsive interface using SCSS with adaptive layouts and animated interactions for seamless music browsing and playback.
- **Frontend Pagination & Filtering**: Implemented efficient pagination for large data sets like user uploads and music categories, with support for search filtering.
- **Global State & Context API**: Utilized React Context to manage global states like current user, music playback, and navigation state across the app.
- **Secure Cloudinary Integration**: Implemented audio upload and deletion workflows using signed requests and secure API key handling for a seamless cloud integration.

#### Impact:

- Built a full-featured music streaming platform from scratch with secure media management and engaging UI.
- Demonstrated expertise in secure file uploads, audio streaming workflows, and frontend performance optimization.
- Reinforced best practices in responsive UI, global state handling, and RESTful interaction with external APIs.

#### **ACHIEVEMENTS**

## Gold Badge in Node.js Assessment, by Skillyst-foundit

03/2025

https://www.foundit.in/skillyst/view-report/1347608-5d36e3a5f3-pranjulbackend-nodejs-test ☑

# Gold Badge in React. js Assessment, by Skillyst-foundit

03/2025

https://www.foundit.in/skillyst/view-report/1336516-639b954cd8-pranjulfrontend-reactjs-test ☑

# **CERTIFICATES**

# Full Stack Development, by oneroadmap

04/2025