

# ARUN PRINCE | FULL-STACK DEVELOPER

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## TECH SKILLS

- JavaScript
- React.js
- HTML5
- CSS3
- Node.js
- Express.js
- Rest API
- Mongoose ODM
- MongoDB
- No SQL
- SQL
- My SQL
- Git & Github
- Bootstrap
- Firebase
- Vite & Postman

## PROJECTS

### 1. Rhythmo – MERN music App

### Full-Stack MERN App

- Constructed a comprehensive music application, leveraging React, Node.js, Express.js, Mongoose, MongoDB, and Tailwind CSS to facilitate user registration, authentication, music streaming, music discovery, and robust playlist management. The application also facilitated song addition and updates through an admin panel.
- Enforced user authentication and authorization by employing JSON Web Token and the b-crypt library to fortify access control and safeguard user data which reduces security vulnerabilities by nearly 30%.
- Enhanced the application's performance by implementing server-side rendering (SSR), integrating Redux Toolkit for state management, and employing client-side routing for a fluid and responsive user interaction.
- Tech Used: React, JavaScript, HTML, CSS, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Firebase.

### 2. Ani watch – Movie & Anime search App

### React App

- Developed a responsive anime app using React.js and Anime API that allows users to register, login, and search for anime titles, view information about anime, cast, and trailers.
- Implemented user authorization, authentication, and profile CRUD functionalities to ensure secure access to the app and enable users to manage their profiles.
- By implementing client routing in an anime app built using React, Anime API and Firebase, I reduced latency and improved load balancing, which resulted in a 20% to 50% faster loading of the Single Page Application.
- Tech Used: React, JavaScript, HTML5, CSS3, Bootstrap, Anime API, Firebase RTDB

### 3. Real-Time-Chat – Chatting App

### React App

- Created a Single Page chat Application (SPA) using React and Firebase that allows users to authenticate and chat with other users in real-time. The app also includes user authentication, authorization, and profile CRUD functionalities.
- Our app enables users to send messages and media such as images in real-time, providing a seamless and engaging user experience with a minimal latency of 600ms.
- Optimized the app's performance by implementing React Routing and reducing latency, ensuring a 20% improvement in smoothness and responsiveness of the user experience.
- Tech Used: React, JavaScript, HTML, CSS, Bootstrap, Anime API, Firebase Storage.

## EDUCATION

### Full stack MERN Development

2023 (Jan - Oct)

SkillSafari Training Institute, Coimbatore.

### Bachelor of Science

2017 - 2020

Government Arts College, Coimbatore

## EXPERIENCE

### Systemic & Algorithmic Trader

2020 - 2022

Self Employed - Upstox Platform