JAGAN NATARAJAN

Aspiring Web Developer

📞 9043046617 ✉ jagannatarajan1@gmail.com 💼 jagannatarajan ○ jagannatarajan1

EDUCATION

B.S.Abdur Rahman Crescent Institute of Science **2021 − 2023**
*Bachelor's in Computer Application - **CGPA - 8.5*** *Chennai, TamilNadu*

SKILLS

- Web Development
- JavaScript
- Bootstrap
- Tailwind CSS
- ReactJS and
- Redux
- Git and GitHub
- Next.js
- MongoDB
- Firebase
- Postman
- sass
- wordpress
- php

PROJECTS

<u>**Food Ordering App**</u> | ReactJS, Tailwind CSS, Redux

- **Overview**: A food ordering app using real-time restaurant data, supporting 100+ restaurants.
  - ∗ Integrated **Swiggy API** to display details for over 200 **restaurants** and **menus**.
  - ∗ Improved the **ordering process**, reducing average user checkout **time by 30%.** .
  - ∗ Enhanced app performance with memoization, reducing **API** calls by 40% and reload **times** by 30%.
  - ∗ *GitHub*: **Repository** — *Video Demo*: **Link**

<u>**NetflixGPT**</u> | HTML, CSS, JavaScript, Tailwind CSS, ReactJS, Redux, and Firebase

- Overview: **Developed a movie platform with 95% responsiveness and 40% faster reloads.**
  - ∗ Implemented **Firebase Authentication** for **secure login**, supporting over 1,000+ concurrent **users**.
  - ∗ Utilized **TMDB API** to fetch and display **10,000+ movie records**. .
  - ∗ Leveraged Redux for efficient state management, minimizing API calls by 30%. .
  - ∗ *GitHub*: **Repository** — *Video Demo*: **Demo**

<u>**Scalable Video Streaming Platform**</u> | <u>ReactJS, Tailwind CSS, Redux</u>

- Overview: Built a fast, responsive video streaming platform for 1,000+ users, reducing load times by 40% .
  - ∗ **Fast Loading**: Improved video loading times by 30% for a smoother user experience.
  - ∗ **Search:** Leveraged **YouTube API** with **debouncing**, reducing calls by **30%**, and cached in Redux. . .
  - ∗ **Live Chat**: Implemented real-time chat with API polling, supporting 500+ users.
  - ∗ *GitHub*: **Repository** — *Live Demo*: **Demo**

EXPERIENCE

Desizntech — Software Developer **2024-2025**

- ∗ **Web Development:** Crafted responsive interfaces with ReactJS, Redux, and Tailwind CSS, supporting 100+ users.
- ∗ Collaboration: Worked with 10+ creatives and engineers to achieve project goals .
- ∗ **API Integration:** Enhanced performance and established smooth API connections, reducing response times by 25%. .

Quantzi Infotech Private Limited — Software Developer Internship **2023-2024**

- ∗ **Code Development:** Coded, tested, and debugged **50+ features** and **30 bugs**, improving performance by 20%. .
- ∗ Team Collaboration: Partnered with 5+ designers and developers to meet project goals.
- ∗ **Testing & Documentation: Wrote 50+ unit tests and updated 20+ technical documentation files.** . .

Sharpener Tech **2023-2024**
Complete Front-End Development Bootcamp

EXTRACURRICULAR

- **Committed to Blockchain**: Actively **learning** and exploring **blockchain technologies**, with a focus on 5+ platforms.
- Engaged in 10+ blockchain-related events and communities to deepen understanding and stay updated.