Jayakanth B

Front-End Developer

✉ jayakanthboopathi@gmail.com 📞 8072286203 📍 Pallipalayam, Namakkal, TN 638006

PROFESSIONAL SUMMARY

Front-End Developer with **2+ years** of experience building and optimizing **high-performance web applications**. Proficient across the **React ecosystem**, including **ReactJS, Redux, and Context API**, with strong foundational skills in **JavaScript (ES6+), TypeScript, HTML5, and CSS3**. Proven ability to deliver responsive user interfaces, integrate **REST APIs** in collaborative team environments, and focus on **performance optimization** and enhanced **UX**.

PROFESSIONAL EXPERIENCE

Front-End Developer, *App Innovation Technologies,Coimbatore 04/2023-Present*

Project: RealityWorks AI (05/2025 – Present)
- Led front-end development for **RealityWorks AI** (AI-powered patient simulation platform), building the core **UI/UX structure** using **ReactJS** and **TypeScript**.
- Integrated the **HeyGen API** to enable **real-time conversations** with customizable live avatars (voice, appearance, context).
- Developed comprehensive customization features for avatar configuration within the simulation environment.

Project: Actavivo (04/2023 – 05/2025)
- **Optimized application performance** using **high-efficiency React.js components**, resolving rendering bottlenecks and achieving a **15% reduction in page load time**.
- Delivered complex user features (chat, events, feed posts) ensuring **exceptional UX, mobile responsiveness, and cross-browser compatibility** using **Material UI**.
- Collaborated cross-functionally to integrate **REST APIs** for dynamic data delivery and championed high **code quality** through rigorous **code reviews**.

EDUCATION

M.C.A. in Computer Application (Distance Education), *Alagappa University*   07/2024 – 06/2026
Expected Graduation: 06/2026

B.C.A. in Computer Application, *Periyar University*   05/2019 – 04/2022
CGPA: 7.6

TECHNICAL SKILLS

Frameworks & Libraries
ReactJS, **Redux**, React Router, **Material UI (MUI)**, Context API, React Testing Library, **Tailwind CSS**, **HeyGen API**

Languages & Core Tools
JavaScript (ES6+), TypeScript, HTML5, CSS3, REST APIs , Git, GitHub, VS Code, Postman, Jira, Dev Tools

MINI-PROJECTS

Event Management Dashboard
- **ReactJS/Redux Toolkit** dashboard for event creation and tracking, including custom **data visualization** and global state management.