

Krishnamoorthi T

Front End Developer

LinkedIn: www.linkedin.com/in/krishnamoorthi-t

Email: krishnamoorthit07@gmail.com

Mobile: +91-93457 95629

Portfolio: krishportfolio-seven.vercel.app

PROFESSIONAL SUMMARY

Frontend Developer with strong hands-on experience in building responsive and scalable web applications using HTML, CSS, JavaScript, React.js, and Next.js. Strong knowledge of component-based architecture, API integration, and performance optimization. Passionate about creating clean UI, reusable components, and user-friendly interfaces. Seeking opportunities to contribute technical skills in a growth-oriented organization.

EDUCATION

- **Sona College of Technology** Salem, TN
Master's Degree in Computer Applications; CGPA: 8.0 *Aug 2023 – May 2025*
- **Vysya College** Salem, TN
Bachelor's Degree in Computer Science; CGPA: 7.09 *July 2020 – May 2023*

PROJECTS

- **E-Commerce Web Application using React:**
 - **State Management:** Implemented product listing, category filtering, and cart functionality using a centralized Redux store with slices, actions, and reducers.
 - **API Integration:** Integrated REST APIs to fetch and display dynamic product data across the application.
 - **Component Architecture:** Built reusable and modular React components using clean code and component-based architecture, optimized UI performance, and ensured responsive design across mobile and desktop devices.
- **Next.js E-Commerce Web Application with WhatsApp API Integration:**
 - **Application Development and State Management:** Developed a responsive e-commerce web application using Next.js with Redux Toolkit for centralized state management of products, cart, and user interactions, and styled the UI using Tailwind CSS.
 - **API and WhatsApp Integration with Performance Optimization:** Integrated REST APIs for dynamic product data and implemented WhatsApp API to send user and order details to the admin in real time; optimized UI performance and applied component-based architecture for responsive and smooth user experience.
- **Virtual Mouse using Machine Learning:**
 - **Technologies:** Python, OpenCV, MediaPipe, Machine Learning, Computer Vision
 - **Gesture-Based Cursor Control:** Developed a virtual mouse that performs cursor and mouse functions without a physical mouse by detecting hand gestures in real time using MediaPipe and OpenCV.
 - **Machine Learning and Performance Optimization:** Implemented ML algorithms for accurate gesture recognition and optimized application for smooth, responsive, and intuitive hands-free computer interaction.

SKILLS

- **Frontend Technologies:** HTML, CSS, JavaScript (ES6+), Tailwind CSS, UI Development
- **Frameworks / Libraries:** React.js, Next.js, Redux Toolkit
- **Tools & Platforms:** Git, GitHub, VS Code, MS Excel, Chrome DevTools
- **Database & Backend Basics:** Node.js, MongoDB, SQL, Joins, Group By, REST API Integration
- **Key Skills:** Web Development, API Integration, UI Optimization, Component-Based Architecture, Responsive Design, Cross-Browser Compatibility, Debugging, Front-end Developer, React Developer.

CERTIFICATIONS

- **Data Analytics Essentials:** Cisco.
- **Microsoft Excel: Formulas and Functions:** Analytics Vidhya.
- **Programming in Java:** NPTEL - Ranking with Elite.