

Manoj Ramrao Malwadkar

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Education

Swami Ramanand Teerth Marathwada University, Nanded 2021 – 2023

Master of Computer Application

- CGPA: 8.29/10.0 — Percentage: 77.30%

MGM's College of Computer Science & IT, Nanded 2018 – 2021

Bachelor of Science in Computer Science

- CGPA: 8.39/10.0 — Percentage: 71.13%

Experience

Software Trainee Pune, Maharashtra
Trinesis Technologies Pvt Ltd. Aug 2024 – Present

- Collaborated with senior developers on real-time web applications using modern technologies
- Gained hands-on experience in building responsive UIs using Bootstrap and Tailwind CSS, ensuring mobile-first design and cross-browser compatibility
- Worked on RESTful APIs integration using Axios and managed data using React state management tools like Context API and Redux
- Implemented WebRTC and WebSockets for real-time data transfer, enabling live updates and two-way communication between frontend and backend
- Learned and implemented version control using Git and GitHub, contributed to feature branches and resolved merge conflicts
- Participated in code reviews and used Chrome DevTools and React DevTools for debugging and performance tuning of UI components
- Containerized a React.js application using Docker, created multi-stage Dockerfile, and deployed it locally and to the cloud, ensuring consistent builds and easy scalability

Projects

IW-IndusWire 6 months

- Developed complex, real-time interview interfaces using React, WebRTC and WebSocket for seamless candidate-AI and live spectator interactions
- Integrated OpenAI GPT-4o for AI-driven conversational interviews, including real-time audio streaming, transcription and chat UI
- Implemented advanced media handling: webcam, screen, and audio capture, live streaming and chunked recording for backend storage and review
- Collaborated with backend and AI teams to ensure smooth data flow, secure authentication, and robust error handling
- Contributed to modular, scalable codebase with reusable components, responsive design and optimized performance
- Enhanced user experience for candidates, HR, and spectators, supporting features like JD, reporting and live feedback
- **Technologies Used:** React, WebRTC, WebSocket, REST API, SCSS, Docker

Grocery Store Web Application 9 months

- Designed and implemented responsive user interfaces with React.js ensuring compatibility across devices
- Integrated Redux for global state management to handle dynamic data such as cart items, user sessions and product details
- Built RESTful APIs using Node.js and Express.js to handle product data, orders, user interactions and more

- Implemented secure user authentication and authorization via JWT, enabling users to securely login, signup and make purchases
- Developed a comprehensive admin dashboard for managing products and viewing sales analytics
- Utilized Git and GitHub for version control and collaborative development, ensuring efficient workflow and code management
- **Technologies Used:** HTML, CSS, React, JavaScript, Node.js, Express.js, MongoDB

Mapty - Interactive Map Application

3 months

- Integrated Leaflet library into React app to create interactive map interface, allowing users to place markers and display geographical data
- Implemented zooming, scrolling and custom markers, enabling users to explore the map effectively and add personal locations
- Incorporated Geolocation API to fetch and display the user's current location on map, providing an intuitive way to quickly start adding visited locations
- Developed logic to handle dynamic addition of user-specific markers based on location data, enhancing the experience with real-time updates
- **Technologies Used:** React, Leaflet, JavaScript, Sass

Technical Skills

Frontend: JavaScript (ES6+), TypeScript, ReactJS, NextJS, HTML, CSS, Bootstrap, Tailwind

Backend: Node.js, Express.js, MongoDB, Mongoose, JWT

Libraries: Axios, React Router, Redux, React Query, Framer Motion

Tools: Git, GitHub, VS Code, Postman, NPM, Docker, Netlify, Vercel, Vite, GitHub Copilot

Other Skills: RESTful APIs, Agile/Scrum, Responsive Design, Cross-Browser Compatibility

Certifications

The Complete JavaScript Course: From Zero To Expert - Udemy

The Ultimate React Course - Udemy