

VISHNU M

UI Developer | Frontend Developer

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SUMMARY

Frontend Developer delivering React.js, Next.js, Redux, TanStack Query, and Tailwind CSS interfaces across six live production products, spanning Shopify e-commerce storefronts and a React Native mobile app in development. Owns frontend architecture, component libraries, design systems, CSR/SSR rendering strategy, and CI/CD-based release workflows to keep multi-product delivery consistent, performant, and cross-browser compatible. Partners with UI/UX designers and backend engineers to turn design handoff into production-ready applications, leveraging AI-assisted tools like Claude Code and Cursor to build faster without sacrificing quality.

EXPERIENCE

Frontend Developer • MAI Corporation

Feb 2025 - Aug 2026

- Led frontend development as the sole frontend developer across 6 live production products (work-tops.com, DragonCustomer.com, myproject.ai, Admin Dashboard, mybook.com, Marketplace) using React.js, Next.js, Redux, and Tailwind CSS.
- Collaborated cross-functionally with UI/UX designers and backend engineers across all 6 products, from design handoff to API contract alignment, to ship consistent, production-ready features.
- Used CI/CD pipelines to manage build, test, and deployment workflows across all 6 production products, reducing manual release overhead.
- Built reusable component libraries and a shared design system, enforcing component-driven architecture and responsive design across all projects.
- Applied client-side rendering (CSR) and server-side rendering (SSR) strategies in Next.js to balance performance, SEO, and interactivity across products.
- Integrated Three.js to build and ship 3D/WebGL components within production React applications, extending the standard 2D UI toolkit for richer, interactive product experiences.
- Managed complex application state with structured Redux action and reducer patterns at scale, and adopted TanStack Query for server-state fetching, caching, and synchronization.
- Handled REST API integrations with robust error handling and clean data flow management.
- Conducted code reviews and integration testing to maintain quality and consistency across the development team.
- Performed performance optimization and cross-browser compatibility testing using browser dev tools to ensure consistent UX across devices.

Trainee Web Developer • MAI Corporation

Oct 2024 - Feb 2025

- Led the full UI redesign of work-tops.com from concept to completion, taking full ownership of the project.
- Improved the page speed performance score from 32 to 84 by optimizing Largest Contentful Paint (LCP), removing redundant code, and streamlining assets.
- Improved SEO metrics through the same performance and cleanup work.
- Integrated ZOHO CRM with Shopify to streamline customer and order management workflows.

Web Developer Intern • Zidio Development

May 2024 - Aug 2024

- Developed and deployed an LMS platform, a resume builder, and a job portal using the MERN stack during an internship, demonstrating strong ownership and technical proficiency.

Prior Experience:

- Quality Engineer, Caterpillar Inc. (Oct 2021 - Oct 2022)
- Aftermarket Associate, Wabco Pvt. Ltd. (Aug 2020 - Jul 2021)

PROJECTS

myproject.ai • *React.js · Next.js · Redux · TanStack Query · REST APIs · Tailwind CSS*

- Full UI ownership: design, component library, API integrations, and Redux state management.
- Used Claude Code and Cursor to build and iterate components faster with better code quality.

DragonCustomer.com • *React.js · Next.js · Redux · REST APIs · Tailwind CSS*

- Designed full UI, integrated all REST APIs, and managed Redux state.
- Used AI-assisted development (Claude Code, Cursor) for faster component generation.

mybook.com • *React.js · Next.js · React Query · REST APIs · Tailwind CSS*

- Blog writing platform similar to Medium, currently in production.
- Used TanStack (React) Query for API data fetching, caching and state synchronization instead of Redux.
- Built and maintained reusable components end to end, following a shared design system.

myproject.ai Mobile (In Development) • *React Native · Expo Router · Expo Go · Nativewind CSS*

- Developed the mobile counterpart of myproject.ai using React Native during the final three months at MAI Corporation, currently in development.
- Implemented file-based navigation with Expo Router and leveraged Expo Go for on-device testing and rapid iteration.
- Extended app functionality using various React Native packages.
- Applied Nativewind for styling, replicating the Tailwind CSS utility workflow from web projects in the mobile app.

Admin Dashboard • *React.js · Next.js · Redux · REST APIs · Tailwind CSS*

- Centralized panel managing all company products in one place.
- Built user, content, and platform settings management, plus email template creation.

work-tops.com • *Shopify · Liquid · ZOHO Integration*

- Complete UI redesign of a UK stone e-commerce store.
- Improved page speed performance score from 32 to 84 through LCP optimization and code cleanup.

Personal Projects (Self-built, deployed on Vercel):

Developed and deployed a portfolio site utilizing GSAP and Framer Motion, a 3D kitchen application with Three.js/React Three Fiber, a WebGL-based booking platform, and a pathfinding visualizer using Next.js and Mapbox.

EDUCATION

Bachelor of Computer Application - University of Madras (Jun 2026 - Present)

Full Stack Web Development - QSpiders Institute (Jan 2023 - Dec 2023)

Diploma in Mechanical Engineering - Murugappa Polytechnic College (Jun 2017 - Aug 2020)

SKILLS

Frontend: React.js, Next.js, Three.js, 3D/WebGL, Redux, TanStack Query, React Query, React Native, Expo Router, Nativewind CSS, JavaScript, HTML5 & CSS3, Tailwind CSS

Architecture & Rendering: Client-Side Rendering (CSR), Server-Side Rendering (SSR), Component Libraries, Design Systems, Responsive Design, Cross-Browser Compatibility

E-Commerce: Shopify, Liquid, ZOHO Integration, LCP Optimization, SEO

DevOps: CI/CD Pipelines, Git Version Control, Vercel (Personal Project Deployments)

Testing: Playwright (Certified), Test Automation Fundamentals, Integration Testing

Design: UI/UX Design, Figma, Component Design, Responsive UI

Tools: Claude.ai, Claude Code, Cursor, VS Code, Browser Dev Tools, Git, Jira, AI-Assisted Development

Practices: Code Review, Reusable Components, State Management, API Integration, Performance Optimization, Problem Solving, Adaptability, Communication

Collaboration: Cross-functional Teamwork with UI/UX & Backend Teams, Agile Workflow