

MADDULURI NAGAPRASANTH

Frontend Developer

Personal portfolio • +91 80744 81787 • maddulurinagaprasanth9391@gmail.com

SUMMARY

Frontend Developer with 1.8 years of experience building responsive, accessible, and high-performing web interfaces using **React.js**, **Next.js**, **Tailwind CSS**, and **ShadCN UI**. Skilled in translating UI/UX designs and business requirements into clean, scalable code with a strong focus on user experience. Hands-on experience with **static site generation (SSG)** and **Component-based architecture**, **API integration**, **custom React hooks**, and **form validation using Zod**. Built and maintained both complex feature-rich applications and lightweight static sites from the ground up. Proficient in deploying projects using **Vercel** and **Cloudflare**, ensuring fast and reliable frontend delivery. Also experienced in **React Native** for building cross-platform mobile apps. Committed to clean code practices, component reusability, and delivering polished digital experiences.

SKILLS

Frontend: React.js, Next.js, Javascript, React Native, Tailwind CSS, ShadCN UI

State Management: Redux, React Hooks

Backend & Data: Firebase Auth, Firestore, REST APIs

Forms & Validation: React Hook Form, Zod

Deployment: Vercel, Cloudflare

Tools & Workflow: Git, GitHub, Agile, Figma, Visual Studio Code, Unit testing / Jest / Testing Library

WORK EXPERIENCE

Frontend Developer - Invensis Technologies Pvt. Ltd. | Sep 2023 – Apr 2025 (1 year 8 months)

- Developed and maintained **responsive, SEO-friendly web pages** for InvensisLearning.com, a global corporate training provider, enhancing user experience and engagement.
- Utilized **Next.js (Static Site Generation - SSG)** for high-performance static pages, with a strong understanding of **Server-Side Rendering (SSR)** and **Client-Side Rendering (CSR)** concepts.
- Implemented **API integration** using modern fetch methods and Next.js advanced features like **generateStaticParams**, and optimized performance through caching strategies.
- Used **Tailwind CSS** to create scalable, **responsive UI designs**, and integrated **ShadCN UI** for building reusable and accessible components.
- Developed **form validations** and error handling mechanisms using **Zod**, ensuring robust client-side validation.
- Created and utilized **custom React hooks** to modularize logic and improve component reusability across the application.
- Followed clean code principles, structured folder hierarchies, and adhered to best practices for **code maintainability** and **scalability**.
- Collaborated closely with design and backend teams in an agile workflow to deliver high-quality features and updates.

FEATURED PROJECTS

Personal Project – University Student Management System |

[LINK](#)

Tech Stack: Next.js, Firebase (Auth & Firestore), Tailwind CSS, React Hook Form

- Designed and developed a **full-stack web application** for managing university student assignments, including **authentication**, **submission workflows**, and **grading systems**.

- Implemented **user authentication** using **Firestore Auth**, enabling secure access for students and lecturers.
- Used **Cloud Firestore** as the primary **NoSQL database** to manage user data, assignment records, and grades in real time.
- Built intuitive UI components with **Tailwind CSS**, ensuring a clean, responsive interface for both mobile and desktop users.
- Integrated **React Hook Form** for efficient and validated form handling during assignment submissions.
- Developed role-based access for students and lecturers, allowing lecturers to **review submissions**, assign grades, and provide feedback.
- Ensured data integrity and submission validation through proper form handling and database checks.
- Gained hands-on experience with full-stack app architecture, **state management**, and real-world user flow scenarios.

Mobile App Project – College Academic Outcome Visualizer |

[LINK](#)

Tech Stack: *React Native, Firestore (Auth & Firestore), React Redux, React-Pie, Native Modals*

- Developed a mobile app to help colleges visualize academic outcomes from Excel data in a hierarchical structure: **Departments → Divisions → Assignments → Outcomes**.
- Implemented **Firestore Auth** for secure login and **Firestore** for dynamic, real-time data handling.
- Used **React Redux** for efficient state management and React-Pie to display proficiency levels through intuitive charts.
- Designed smooth navigation using **Stack Navigation** and a custom **hamburger menu**, ensuring seamless user flow.
- Focused on **mobile-first UI design**, delivering a clean, intuitive interface with native modals and responsive components for better user engagement.

EDUCATION

Bachelor's of Fishery Science - Sri Venkateswara University -

Aug 2019 - Sep 2023

ADDITIONAL INFORMATION

- **Adaptability:** Rapidly picks up new tools and frameworks to meet evolving project requirements and stay aligned with modern development trends.
- **Problem Solving:** Proficient at diagnosing technical issues and optimizing performance to deliver smooth, high-quality user experiences.