

NIRALI PATEL

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Skills: React.js, Next.js (v14), Redux, React Native, Jest, JavaScript (ES6/ES7), TypeScript, HTML, CSS, SASS, JQuery, Tailwind CSS, Styled Components, Ant Design, Material UI, Node.js, Express.js, MongoDB, GraphQL, Firebase, Push- Notifications, Prompt Engineering, AI Tools, Data structure, Algorithm.

Technologies and Tools: Google Cloud, Kubernetes, SonarQube, Git, GitHub, Bitbucket, NPM, Yarn, GitHub Copilot.

Professional Summary: Frontend React Developer with **9.1+** years of industry leading experience in crafting scalable high performance, web and mobile applications using React.js, React Native and Next.js.

WORK EXPERIENCE

Encora Digital LLC – ReactJs & Native developer

October 2022 – Present

Vertex Chat-Copilot – AI-powered Collaboration Tool

- Led the front-end architecture of an internal AI-assisted collaboration platform integrating ChatGPT-like features and added **Auth0 for authentication** across a **micro-frontend architecture**.
- Designed and implemented conversational UI components using ReactJS and Redux Toolkit.
- Achieved **95% unit test coverage** and improved code maintainability via modular design.
- Integrated **SonarQube** to monitor code quality and test coverage, enhancing frontend project maintainability and efficiency.

NetAIApp – Intelligent AI-Assistant for NetApp Services

- Developed a ChatGPT-style AI assistant platform for NetApp customers to query service data and receive contextual answers in multiple formats.
- Built a conversational interface using ReactJS and UI components, allowing users to query system data and receive results as **charts, tables, Excel files, or downloadable reports**.
- Integrated real-time API responses cutting manual data retrieval efforts by **60%** and improving customer support efficiency.

Centric Buying Board – E-commerce Product Planning Tool

- Developed highly interactive UI components optimized for **touchscreens, tablets, and web**, improving **cross-device usability** and increasing team adoption.
- Reduced buying session time by **25%** by implementing intuitive **drag-and-drop interfaces** using react-beautiful-dnd and optimizing workflows.
- Optimized performance through code-splitting and lazy loading, reducing app load time by **40%**.

Agri Allies – Farmer Community Mobile App

- Built a cross-platform mobile app using React Native, React.js, and Firebase, serving as a digital hub for **5,000+ farmers** to access support and share agricultural knowledge.
- Integrated a **multilingual** AI chatbot using **ChatGPT Open APIs**, enabling **24/7 automated support** in **5 regional languages**, reducing manual support queries.
- Enabled farmers to **post queries with images** and participate in discussions, increasing community engagement which helped them resolve issues more efficiently and **adopt better farming practices**.

Tata Consultancy Services – Angular & ReactJs Developer

January 2021 – October 2022

MASPLN (Macy's Advertisement and Marketing Management Tool)

- Rebuilt a legacy system into a modern web app using React.js, Next.js and Redux following Macy's internal style guide and CRA structure resulting in **faster load times** and **improvement in user engagement**.
- Built robust UI modules to **handle thousands of data records** using advanced table components with **filters, sorting, pagination, and bulk actions**.
- Implemented complex **CRUD operations** across dynamic forms and interactive dashboards, improving user efficiency and reducing manual effort by almost **40%**.
- Integrated RESTful APIs, implemented secure **authentication** workflows with **multi-role access**, and developed core modules including **routing, role-based permissions, and dynamic dashboards**.
- Reduced page load times by **35%** and improved UI responsiveness through code-splitting and optimized rendering strategies.

- Successfully replaced legacy system modules with modern components, **cutting support tickets by 40%** within the first release cycle.

Green Apex Technolabs – Angular & ReactJS Developer

May 2017 – January 2021

FusePLM – Product Lifecycle Management Tool

- Developed a cloud-based **PLM solution** designed to streamline parts, bills-of-materials (BOM), document, and change management processes for hardware engineering and manufacturing firms.
- Implemented **intuitive, data-driven UI components** using **Angular 6+ and ReactJS** to provide real-time, interactive views of bills-of-material, including **flat, multi-level**, and **sourcing views**.
- Integrated **Kanban workflows**, allowing teams to set up and manage product development tasks in minutes, **reducing setup and training time by 50%**.
- Designed and built **dynamic, data-heavy tables** with features like **filters, sorting, pagination**, and **complex CRUD operations** for handling thousands of product records efficiently.
- Achieved a **40% performance improvement** by optimizing data-fetching strategies and incorporating lazy loading and infinite scrolling techniques for large datasets.

Pedagogy – E-learning Management System

- Developed a comprehensive **e-learning platform** enabling students and instructors to manage course content, grades, and feedback. Built responsive, user-friendly UI components using **Angular 8+**, optimizing for both mobile and desktop users.
- Integrated with **Google APIs** to enable real-time search, video streaming, and analytics tracking, increasing user engagement by **30%**.
- Implemented **unit testing** and **TDD workflows**, improving overall system stability and reducing bugs.

InstaGo-Admin Panel – Admin Dashboard for Service Management

- Designed and developed an admin dashboard to manage a network of **automated vending machines** dispensing snacks and confectionery items across multiple locations.
- Built responsive UI components using **Angular 9** for real-time management of vending inventory, machine status, order tracking, and transactional logs.
- Enabled admins to **monitor live machine health**, refill stock, and troubleshoot issues remotely, reducing on-site visits by **40%**.
- Implemented advanced table components with **search, filters, sorting, and bulk update actions** to handle thousands of product and transaction records.
- Improved operational efficiency by **35%** by streamlining admin workflows for restocking, maintenance scheduling, and machine performance monitoring.

Productivet Systems – Front-End Developer

March 2016 – April 2017

HRMS (Phase-1) – Human Resource Management System

- Built **all major HR modules** including **employee onboarding, leave & attendance management, payroll setup, performance reviews, and exit formalities** using HTML, CSS, JavaScript, and AngularJS.
- Added **superadmin settings** for global configurations like policy setup, user management, and report generation across multiple departments.
- Integrated **RESTful APIs** to fetch and manage employee data in real time, reducing manual HR workload.

SIGMA360 (Phase-2) – CRM & Sales Dashboard

- Developed key UI features for **lead management**, sales tracking, and custom reporting tools, enabling faster access to key KPIs and data.
- Implemented secure **role-based access control**, ensuring that different user groups had tailored dashboards and permission levels.
- Enhanced the CRM solution to provide comprehensive insights into customer relationships and sales team performance.

EDUCATION

Bachelor of Engineering in Electronics & Communication from from SVBIT – Gujarat Technological University (Gujarat)