Nikhil Pantha

Frontend Developer — React | React Native

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LinkedIn | Portfolio

Innovative and detail-oriented **Front-End Developer** with **3+ years of experience** building responsive, high-performance web and mobile applications using **React.js, React Native, Next.js, Redux Toolkit**, and **modern JavaScript ecosystems**. Proven track record in designing scalable front-end architectures, developing real-time applications, and integrating advanced **AI/ML models** to enhance user experience.

- Spearheaded the development of **real-time medical applications** integrating **IoT** devices, delivering secure and dynamic visualization of live patient data.
- Led the end-to-end front-end development for a **vehicle marketplace platform**, improving performance, search functionality, and UI scalability for over **1,000+ listings**.
- Engineered a **location-based AI-powered music app** that dynamically adjusts playlist suggestions using **GPS and ML models**, creating a hyper-personalized user experience.
- Successfully built and launched an **E-Ticket Management App** to streamline issue tracking and resolution using React Native and Redux.
- Developed reusable UI components and design systems, optimizing maintainability and consistency across projects.
- Integrated **GraphQL**, **REST APIs**, and real-time data streams with React/React Native, ensuring seamless performance and data integrity across platforms.
- Strong expertise in **state management** (Redux, Zustand, Recoil), **navigation** (React Router, React Navigation), and **form validation** (Formik + Yup).
- Proficient in **CI/CD pipelines** (Jenkins, Git, Webpack), performance monitoring (Lighthouse, Core Web Vitals), and AWS deployment (EC2).
- Adept at Agile methodologies with hands-on experience in daily standups, sprint planning, code reviews, and collaborative delivery.

TECHNICAL SKILLS

Languages:	JavaScript, Java, HTLM/CSS, C++, C
Web Technologies:	HTML5, CSS2/CSS3, DHTML, Tailwind, Bootstrap, XML, XHTML, JavaScript, AJAX, jQuery, JSON, Sencha, TypeScript
Frameworks/Tools:	React.js, React Native,Next.js, Redux Toolkit, Angular, Node.js, Backbone.js, Bootstrap, Apache, Tailwind, Expo, Zustand/recoil , TanStack Query
API & Data Handling	GraphQL + Apollo Client/Relay, REST API, Axios, Fetch API
Mobile-Specific	AsyncStorage, React Native Paper, Lottie, Maps, Push Notifications, OTA Updates with Expo or CodePush
Operating System:	Windows, Linux, OS X, Mac OS
Design Patterns:	MVC, Singleton, Factory, Composite,
Designing Tools:	Sketch, Figma, Adobe Creative Suite
CI/CD & Performance	ESLint, Prettier, Husky, Webpack, Babel, SWC, Lighthouse, Core Web Vitals
Source code control tools:	SVN, GIT
Bug tracking Tools:	JIRA, HP Quality Center
Web Servers:	JBoss, Apache Tomcat server, and WebSphere
Database:	PL/SQL (oracle), MySQL, MongoDB, and MS QL

PROFESSIONAL EXPERIENCE

Inseed Tech Pvt Ltd **Jul 2023 – Present**

Role: React Native Developer

Responsibilities:

- Developed and maintained web and mobile applications using **React.js**, **React Native**, **Redux**, and the **MERN stack** for scalable, responsive, and high-performance solutions.
- Built real-time medical applications that interface with **IoT medical equipment**, displaying live patient data with secure data streams and mobile synchronization.
- Designed and implemented an **E-Ticket Management App**, enabling real-time issue tracking and ticket resolution workflows using React Native and Redux.
- Created a **location-based playlist app** integrating **AI/ML** to suggest music based on user preferences and GPS location data, with dynamic UI rendering.
- Led frontend development for a **vehicle marketplace website** listing over **1,000+ vehicles**, including advanced search, filtering, and detailed vehicle data rendering.
- Developed custom **reusable components** using **React**, ensuring consistency across multiple pages and improved maintainability.
- Utilized **React Router** for SPA navigation and **React Navigation** for seamless routing in React Native applications.
- Worked on **Redux** and **Redux Thunk** for complex state management, side effects handling, and API data flow control.
- Integrated third-party libraries such as **React-Strap**, **Redux-Form**, **React-Reveal**, **React-Scroll**, and **Validate.js** to enhance UI/UX.
- Handled RESTful API communication using **Axios**, and managed global state updates with Redux store and middleware.
- Secured apps using **JWT-based authentication**, integrating **Passport.js** for backend security.
- Developed **responsive UIs** using **HTML5**, **CSS3**, **React-Bootstrap**, and **JavaScript** for consistent experience across web and mobile devices.
- Built and consumed **RESTful APIs** with **Node.js** and **Express**, connected to **MongoDB**, designing scalable schemas and services.
- Collaborated in **Agile/Scrum** teams, actively participating in daily stand-ups, sprint planning, and retrospectives.
- Utilized tools such as **Git**, **Webpack**, **JIRA**, and **Jenkins** for version control, CI/CD, and task tracking.
- Deployed applications on **AWS (EC2)** instances, ensuring reliable cloud hosting and integration support.

  Environment: React.js, React Native, Redux, Node.js, Express, MongoDB, React-router, React Axios, React Flux, Python, ML models, UI, JWT, Git, Webpack, Jira, Jenkins, Agil, AWS, EC2

Prabidhi Labs | | Kathmandu, NP **Feb 2022 – June 2023**

Role: Front End Engineer

Responsibilities

- Developed responsive and interactive user interfaces using **HTML5**, **CSS3**, **JavaScript**, **React.js**, and **React-Bootstrap**, ensuring cross-device compatibility and performance.
- Utilized **Formik** with **Yup** for robust form handling and validation, and implemented controlled components for efficient state management in complex forms.
- Applied modern styling frameworks like **Tailwind CSS** and **Bootstrap** to accelerate UI development and maintain consistent design patterns.
- Integrated multiple **npm packages** and third-party libraries into React applications, optimizing features and reducing development overhead.
- Worked with **Next.js** for server-side rendering (SSR), image optimization, and improved SEO performance, and used **Axios** for seamless API data fetching.

Environment: ReactJS, Redux, Angular, HTML5, CSS3, JavaScript, TypeScript, Redux, Nunjucks, EJS, JavaScript MVC, Bootstrap, jQuery, SDLC, React Router, REST API, Git.

Sunaulo Shopping | |Kathmandu, NP **Oct 2021 – Jan 2022**
Role: Frontend Developer

Responsibilities

- Built responsive and user-friendly UIs using **HTML5**, **CSS3**, **JavaScript**, **React.js**, **React-Bootstrap**, and **Tailwind CSS**, ensuring seamless cross-device functionality.
- Developed dynamic forms using **Formik**, **Yup**, and controlled React states, while integrating **custom components**, **React Router**, and **Virtual DOM** features.
- Implemented **Next.js** with **Server-Side Rendering (SSR)** and **image optimization**, enhancing SEO performance and page load speed for e-commerce applications.
- Fetched and managed data using **GraphQL** and **Axios**, ensuring smooth asynchronous background operations and real-time updates.
- Enforced code quality using **ESLint**, **Husky**, and **Git**, and deployed projects in **AWS environments**, handling specialized tasks like printing functionality with React.

Environment: AngularJS, Angular 4, Angular 4**,** React, UX/UI, JavaScript, HTML, AngularJS, NodeJS, Knockout JS CSS, jQuery, HTML5, Bootstrap, Dream-weaver, JUnit, XML, Jasmine, Karma.

EDUCATION

Lumbini City College
Bachelor of Science: Computer Science

REFERENCES AVAILABLE UPON REQUEST