

# Nikhil Anand

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## WORK EXPERIENCE

APPLORE TECHNOLOGIES | SDE - 1

Noida | June 2024 – July 2024

- **The Soul Sync**
  - Replaced an unofficial library with **Firebase Admin SDK** in the Node.js backend, enhancing push notification reliability by **40%** and ensuring official support.
  - Implemented **cron jobs** to send notifications based on subscription plans and admirer activity, boosting engagement and targeted communication by **15%**.
  - Modified the user model to store FCM tokens in an array, enabling push notifications to reach up to **5** devices per user and increasing engagement by **30%**.
  - Added features for managing user subscriptions in the admin panel, reducing administrative overhead by **25%**.
  - Directed notifications to prompt free users to upgrade to paid plans, resulting in a **20%** increase in conversions and user engagement.

VIJATSHI SOFTWARES | SOFTWARE ENGINEER

Noida | December 2023 – June 2024

- **Request For Quotation**
  - Customized React's **Core UI** template for a modern, intuitive frontend.
  - **Utilized** react-router-dom and React Lazy to implement dynamic routing and optimize performance, leading to a 25% reduction in bundle size.
  - Streamlined API communication by consolidating **3** calls into **1**, reducing API calls by **66%**.
  - Analyzed and deconstructed JWT token payload to automatically configure application state and permissions-based routing, boosting user-specific feature accessibility by **35%** and reducing unauthorized access incidents.
  - access to **authorized functionalities, enhancing security and usability**.
  - Simplified **state retention** with local storage, ensuring data privacy on logout.
  - Streamlined Axios **interceptor** for handling **token refresh**, maintaining **continuous secure access** and improving user experience.
- **Hook Cards**
  - Overhauled React web pages, reducing code lines by **65%** and enhancing **maintainability, reusability, and scalability**.
  - Optimized Node.js API, achieving a **10%** reduction in response time.
  - Developed robust, **lightweight authentication** solutions, prioritizing security.
  - Optimized state management through the use of Redux.
  - Designed responsive front-end components with **Tailwind CSS**, ensuring seamless user experience across multiple devices.

QURINOM SOLUTIONS | WEB APPLICATION DEVELOPER INTERN

Remote | May 2022 – Aug 2022

- Converted static web pages into responsive designs using media queries and Bootstrap, optimizing layout for 4 screen breakpoints.
- Applied animations via keymaps and GSAP JavaScript animation library for scroll-based events between 2 or more elements of page.

## EDUCATION

**Graphic Era Hill University, Dehradun | B. Tech (CSE) 2019-23**

**7.99 GPA**

**PCM | Intermediate | 2019**

**60.2%**

**Matriculation | 2016**

**GPA 10**

## SKILLS

JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB, Flutter/Dart, Bootstrap 5, Tailwind, Material UI, Core UI, Firebase, collaborative, results-driven, continuous learner, team-oriented.

## PROJECTS

**Wish Bloom (Birthday Wish Automated SAAS)**

- **Developed** a full-stack application using React.js, MUI, and Firebase to automate birthday wish emails.
- **Created** a robust solution for time zone adjustments using Day.js and Moment.js, resulting in seamless birthday scheduling.
- **Utilized** Firebase Realtime Database for managing user data and birthday records, enabling real-time updates.
- **Deployed** Firebase Functions and Pub/Sub scheduling to automate Nodemailer-based email dispatch.

**E-Commerce Frontend**

- Implemented React Context API to streamline global state management, enhancing data flow across 3 different components.

## CERTIFICATES

**React Router v6**

- Completed a 6-week course on Coursera to enhance proficiency in the react-router-dom library, utilized for route management in React applications
- Developed projects focusing on creating layouts and shared UI elements for web apps, incorporating seamlessly page generation based on protected routes, and indexing functionalities

**React for beginners**

**freecodecamp/youtube**

- Completed a 14-hour intensive course focused on extensively studying React, including react hooks, components, states, and state management.
- Engaged in hands-on projects to develop a comprehensive understanding of form creation, various input methods, and handling, as well as asynchronous programming and managing side-effects.