



Nishant Pai

Full stack developer

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EXPERIENCE

Carnera Technologies, Pune — *Software engineer*

Dec 2020 - Present

Currently working as a Software engineer for Carnera Technologies. Have been working on building micro frontends using React for Autodesk.

Freelancing, Pune

Nov 2018 - Dec 2020

Worked as a freelancer, worked on challenging projects in React.js and Node.js. Also bootstrapped and sold a startup.

Velotio Technologies, Pune — *Software engineer*

June 2017 - Nov 2018

Worked at Velotio as a software developer. I worked on projects mostly consisting of technologies like reactjs, node.js and a few on angularjs and ruby on rails. Learnt and deployed a multitude of apps on cloud based services like aws lambda, aws ec2 etc.

Zealium Technologies, Pune — *Software engineer trainee*

October 2016 - March 2017

Worked at Zealium technologies as a software engineer trainee. Mostly working in mobile technologies like android and modern web technologies like laravel, ruby on rails and angularjs.

PROJECTS

Rarity Score

<https://github.com/nishantrpai/rarity-score/>

Year: 2021

Rarity score is a project that I built during a hackathon organized by Punkscape. Rarity score is a project that allows NFT creators to deploy a rarity ranking for their collection that makes it easy for buyers to try and buy the most rare NFT. This project also has allowed me to connect with interesting people, currently deploying 2 smart contracts.

One is for limiting minting of new tokens to those who previously bought tokens and the other is a vault that accepts NFT and provides a ERC20 token to the owner that the user can use for unlocking a random nft from the vault.

Tech Stack

- Reactjs
- Node.js
- Next.js
- MongoDB
- PostgreSQL
- Solidity

Tools

- Git
- AWS
- Cloudflare
- Netlify
- Vercel
- Firebase
- Hardhat
- Openzeppelin

Autodesk

<https://knowledge.autodesk.com/>

Year: 2021

Autodesk is migrating from Drupal to React. We were working on Autodesk's knowledge base. It was our responsibility to build micro frontends that could integrate with Drupal and replace existing elements with widgets. Integration with their existing design system was also our responsibility.

Cloud Dashboard

Year: 2020

For the project, cloud dashboard was a placeholder name. This project involved integrating all clouds on one dashboard for cloud administrators. The clients we were building for internally had many users who used to interact with multiple cloud interfaces to provide services, which wasn't scalable. They wanted to build a dashboard and all APIs underneath would communicate with all cloud providers. This would save them time in training and scaling the operations. I was responsible for building the project from scratch, built it using Next.js (Client side) + Node.js (server side) + Mongodb (DB for storing the preferences from each cloud provider as backup).

Privacy Santa

<https://privacysanta.com/>

Year: 2020

Privacysanta is a webapp to generate a privacy policy for your website. Generate privacy policy compliant with GDPR/CCPA. Internally, privacy santa has multiple rules which are based on GDPR, and was a turnkey SaaS tool to generate based on user inputs while making sure it was compliant with GDPR. The struggle was in going through GDPR rules and turning them into actual forms and rendering them conditionally. The project was built from scratch by me using Next.js and Firebase.

CoronaVirus Prep

<https://statuscovid19.com/>

Year: 2020

Coronavirus prep is a single page website that I made for getting an understanding of the coronavirus situation. Since, there are so many blogs and related information about this topic, but people who wanted to understand what the virus was and how to effectively prevent it quickly were missing. With this app you can minimize the time to understand coronavirus and maximize the likelihood of understanding how to prevent and transmit it further. There is also a timeline on the growth rate on a day to day basis for the residents of India. The project was built from scratch by me using Next.js and some external APIs.

Rayo

Year: 2020

Rayo is a CRM for real estate agents, it is used for booking an appointment with agents. The web app components were built on antd (a react library). They were having trouble with the components and API integration, I did that for them in a week's time with multiple changes in the codebase to make it more scalable.

Jobility

Year: 2019

Jobility is building a platform for connecting daily wage workers with companies who are looking for a day or two of work. They have two web apps, one is for the workers and one is for the companies. One is an admin dashboard with which they can monitor all the workers, the companies, the ongoing work and so on and so forth. I was working on the dashboard part and was the only dev responsible for building the entire webapp from scratch.

Ninjavaan

<https://www.ninjavaan.co/en-sg/clients/>

Year: 2019

Ninjavaan is working on making a CMS system for e-commerce websites with reactjs. Currently they made a website with their existing component library in react, an ecommerce website called kjustore.com and wanted to replicate their logic of rendering using api in other ecommerce websites as well, so we were designing components to handle such logic for them in reactjs.

Autire

Year: 2018

Autire is a webapp for auditors to manage their auditing across a company. I was working on the dashboard page where we made tools like department audits and API's for handling audits across same people of different department and so on so forth.

Stanza

<https://www.stanza.co/>

Year: 2018

Stanza is a webapp (stanza.co) which aggregates sports calendars for users. Users would subscribe to teams and the team calendars get synced to google calendar with stanza and also there would be additional information like tickets for the match etc., We were working on the dashboard part of stanza, a dashboard for managing their scrapers. I made that part of stanza from scratch, they only had designs and rough ideas on what the essential things would be, with one to one communications with clients over weeks we made the scraper dashboard with react ,redux and express server on the backend(node).

Orion Labs

<https://www.orionlabs.io/>

Year: 2018

Orion labs are working on bringing bots to business and they had a product which was a hands free walkie talkie which would be used by construction workers etc., So we were working on the dashboard of this application we had a great deal of work in reactjs and redux. We were tasked with building differentiating features between different paid users.

HDFC

<https://www.hdfcbank.com/>

Year: 2018

So HDFC life is an insurance provider and they were looking into a way to provide their customers with a quote for insurance, based on a few questions designed by their team. There were multiple layouts based on question and each question had its particular configuration using Reactjs. Used AWS Lex API's in the backend with node.js for maintaining the state of the flow.

Since editing and adding questions in the backend and lex was a real pain for the HDFC guys and since there were many question types, we designed for them a custom tool using which they could design convoluted flows and view them in a graph and editing/adding questions would automatically update the database as well as get updated/added in the aws lex bot using the lex model api's.

Luxury Presence

<https://www.luxurypresence.com/case-studies/>

Year: 2017

Luxury presence is a company which provides real estate agents with stunning websites. They lacked reusable components which could help building websites faster. So we built components on react which can be reused. Providing these individual component with their settings which can be changed from its dashboard so it's easier to configure the component for someone who doesn't understand coding. Page settings for example, if you want to build the '/about' page it would just take 5-10 mins to build one by simply adding the components you'd need.

Osmosys

Year: 2017

This was an in-house product that we made in Velotio for reducing the time to learn any particular topic. I did some basic frontend design, integration with angularjs, styling the website and understanding the API calls and added some of my own API calls which weren't added before in node.js.

Cohum

<https://www.cohum.co/>

Year: 2016

A product which was designed for informing people in the case of an emergency via sms or calling. Did a lot of backend design and development in Laravel, and in the frontend we used javascript and ajax for communicating with the backend. I also was responsible for the styling of components and responsiveness.

Movie recommendation using mahout

Year: 2016

This was my final year project, which I was able to do with my friends. The project was to solve the Netflix prize which involved finding a faster recommendation system than current. Using the existing SVD algorithm

coupled with the parallelization of tasks by mahout we provided yet another way for recommendation. The project is an open source and anyone could use the library to make their own recommendation.

NLTK for sentiment analysis and movie recommendation

Year: 2015

This was not really part of our final project, but was a part of my personal project which originated from the thought as to why would people love something which a machine recommends? Common sense proved that two people who feel the same way are likely to feel for other things. So I used sentiment analysis and worked a few test cases from public forums and the results were amazing.

Automate twitter bot to warn of disasters

Year: 2015

This was a hackathon project that we made in 24 hours. Using regular expressions and Twitter tweets I was able to make a bot, which could check all the tweets of certain keywords and using regular expressions that would be verified if there was indeed a disaster or not.