RITESH PATIL

Software Developer

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WORK EXPERIENCE

React-Native Developer
📅 Aug 2020 – Dec 2020

Boutiques (UI development with server less architecture)

- Designed and Developed an highly interactive application using React-Native, Firebase with cross-platform support (iOS Android).
- Integrated features such as Live streams, Audio/Video Calls, Real time chats, Payments, Social media features (like/follow/share).
- Integrated Firebase ecosystem i.e. Auth, Storage, Firestore, Cloud Messaging, Analytics, along with Agora, Redux, Stripe, Razorpay

Software Developer
📅 Jan 2020 – July 2020

Humaps (Server side Engineering and UI development)

- Planned and architected a minimal e-commerce web application along with an admin panel to manage the operations.
- Engineered a REST API backend system with MongoDB as Database, Firebase for Authentication and User management.
- Wrote modern, performant & robust code to handle a diverse array of functions with the latest tools & technologies such as React & Node.js

PROJECTS

Monday Morning : Official Student Media Body of NIT Rourkela

- Proposed and implemented a scalable frontend for the student media body of NIT Rourkela along with a Content Management System.
- Incorporated authentication, progressive web app (PWA) & push notifications features for a secure & seamless experience using Next.js, Material-UI Apollo-Client, Cloudflare, Google Analytics.

Signit : Digital Certificate Generation and Distribution

- Implemented a custom Digital Certificate generation, authorization and distribution system for the institute administration and clubs.
- Developed a scalable solution using modern features such as Canvas, Typescript, React.js with Material-UI for the client and authentication using Auth0 in a Node.js, MongoDB & GraphQL(Apollo) based server.

TEDxNITRourkela : Independently organised TED Event

- Interfaced with user experience designers, the official website of TEDxNITRourkela integrates modern and responsive design .
- Built using Javascript & Gatsby, the website garnered over 20000+ views during the event owing to high performance & exceptional SEO.
- Integrated a Ticketing system & Merchandise store using Instamojo.

POSITION OF RESPONSIBILITY

Lead   Google DSC NIT Rourkela
Google Developers program for University Students

Lead Organiser   HackNITR 3.0 Hackathon
One of the largest hackthons in Eastern India

Technical Director   TEDxNITRourkela
An independently organised TED Event

Project Lead   Monday Morning
The official student media body of NIT Rourkela

PROGRAMMING SKILLS

Programming Languages
Javascript, Typescript, GraphQL, C, C++, Python, HTML, CSS

Frameworks and Libraries
React, Redux, Next.js, Gatsby, Apollo Client and Server, Node.js, Express, Mongoose, MongoDB, Firebase, Redis, React Native

Tools and Technologies
Git, GitHub, Webpack, Heroku, Netlify, Amazon Web Servies, Google Cloud Platform, Digital Ocean, Docker, Kubernetes

Operating Systems
macOS Big Sur, Arch Linux / Ubuntu

Design Tools
Figma, Adobe Lightroom, Adobe Photoshop

ACHIEVMENTS

CoroMed - MHRD Samadhan Hackathon

- Developed an end-to-end platform that unites hospital requirements and medical supplies distributors based on a prioritizing algorithm to efficiently distribute supplies during the Covid-19 Pandemic depending upon severity and various other factors.
- Shortlisted in top 3 projects nationwide.

TCS IT WIZ - Nationwide Tech Quiz

- Shortlisted among top 6 in the biggest IT Tech Quiz of India conducted by TCS in the regional rounds amongst 600+ teams.
- Achieved the 3rd position in the regional finals of Pune.

EDUCATION

B.Tech Industrial Design
NIT Rourkela | 7.77/10

Higher Secondary Certificate
KHS Junior College | 84%

Secondary School Certificate
KHS High School | 90.2%

INTERESTS

Open-Source, Blockchain - Decentralized Apps, DevOps, Cryptocurrency, Photography, Badminton, Travelling, Quizzing