

Ritesh Patil

Software Development Engineer

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Academic Background

2023	National Institute of Technology, Rourkela	B.Tech in Industrial Design	Overall CGPA : 7.88/10
2018	Dr. Kalmadi Shamarao Junior College	MSBHSE (12th Grade)	Percentage : 84%
2016	Dr. Kalmadi Shamarao High School	CBSE (10th Grade)	Percentage : 90%

Relevant Experience

SDE Intern @ BharatPe	Nov 2021 - Present Delhi, India
• Collaborated with a versatile team of engineers, designers, product managers as part of the team to develop the newest BNPL product PostPe.	
• Primarily responsible for adding new features to the React and SASS-based mobile application using Webview and a bespoke native-hand-shaker.	
• In addition, utilising Java, Springboot, and MySQL, develop APIs for new dashboard capabilities & features for the customer support staff.	
Fall Fellow'21 @ Major League Hacking	Sept 2021 - Oct 2021 Remote
• A 3 week program, collaborated with 15+ students from 4 different countries. Built out a portfolio of projects, experimented with new technologies.	
• Led the frontend team with delegating tasks, conducting daily stand-ups in order to deliver highly performant & responsive web applications.	
• In addition to working on projects employing a variety of technologies delivered a Show and Tell lecture on finest SEO support and practises.	
React Native Developer @ Boutiques Inc	Aug 2020 - Dec 2020 Remote
• Developed and shipped a highly interactive, cross-platform (iOS + Android) application using React-Native & Firebase cloud functions as a backend.	
• Architected and implemented features such as product showcase feed, instant payments, customer-buyer realtime chats, audio and video calls.	
• Integrated firebase services such as OAuth, Firestore database, Cloud Messaging, Google Analytics along with external services of Agora, Stripe, etc.	
Technical Writer @ LogRocket	Dec 2021 - Present Remote
• Successfully scripted & published multiple articles focusing on frontend - backend development using React, Node.js and other related technologies	
• Employing a variety of concepts like architectures-design patterns, performances, modern conventions, the articles have gathered several views	

Notable Projects

Signit : Digital Certificate Generation	
• Engineered a custom Digital Certificate generation, authorization and distribution open-source platform for the institute administration & students.	
• Developed a scalable solution using modern features like Canvas, Typescript, React with MaterialUI for the client along with Auth0 for authentication.	
• With over 3000+ certificate distributions, the platform is being used for multiple institute events.	
Avenue : Institute Student Interaction Platform	
• Led a developer team to create an application that allows students to stay up to date on all NITR events, mails, academic calendar and other services	
• Devised GraphQL APIs and built a React based Mail Client integrating the Zimbra Soap APIs providing institute mail services directly in the application	
• With a vision of expanding the application to other institutes, the project is completely open-source with industry level maintainability & structure.	
Aptiche : Custom Quizzing Platform	
• Coordinated an initiative for the AIChE Community of NIT Rourkela, to provide an opportunity for the students to conduct regular interactive quizzes.	
• Delivered a fully typesafe, highly scalable server using Node, Typescript, GraphQL using TypeGraphQL to maintain a single source of truth throughout	
• Integrated a React and Material UI based dashboard to manage the app, get detailed visualisations of the scores using Nivo Graphs (Built on d3js)	

Postions of Responsibilities

Community Lead @ Google Developer Students Club	July 2021 - Present NIT Rourkela, India
• A Google Developers initiative for developer enthusiasts. Lead an open-source organisation working on creating solutions for various college services	
• Organised multiple seminars & workshops, mentored a group of enthusiast students and instilled an opensource approach for project development	
Lead Organiser @ HackNITR 3.0 Hackathon	
• One of the largest hackathons in Eastern India. Led the operations of the various teams with regular standups securing multiple sponsors & partners.	
• Organised a 36+ hours long, completely virtual event with 500,000+ website views in a single month and 2300+ registrations from all over the globe	
Tech Director @ TEDxNITRourkela	
• An independently organized TED event coordinated and curated by a group of NIT Rourkela students, led the technical team through multiple events	
• Delivered a responsive website, a custom live streaming platform, an online merchandise store along with event videos post production support.	

Skills and Technologies

Programming Languages	: Javascript (ES6+), Typescript, GraphQL, C++, Python, HTML, CSS
Frameworks & Libraries	: React, Next.js, Gatsby, Apollo GraphQL, Node.js, Express, Mongoose, MongoDB, Firebase, Redis, React Native
Tools and Technologies	: Git, GitHub, Webpack, Heroku, Netlify, AWS, GCP, Digital Ocean, Docker, Kubernetes
Operating Systems	: macOS Monterey, Linux - Arch Linux & Ubuntu
Design Tools	: Figma, Adobe Lightroom, Adobe Photoshop, Adobe XD, Final Cut Pro