

# RITESH PATIL

hello@riteshpatil.com | riteshpatil.com | github.com/riteshsp2000 | linkedin.com/riteshsp2000 | +91 820 860 1505

## ACADEMIC BACKGROUND

2023	National Institute of Technology, Rourkela	B.Tech in Industrial Design	Overall GPA: 7.88/10
2018	Dr. Kalmadi Shamarao Junior College, Pune	MSBSHSE (12th Grade)	Percentage: 84/100
2016	Dr. Kalmadi Shamarao High School, Pune	MSBSSSC (10th Grade)	Percentage: 90.2/100

- **Design Thinking:** Understood concepts of modeling system, effective design, key elements abstraction, problem situation models.
- **Creative Engineering Design:** Obtained broad overview of generic concepts of design research, creative techniques processes.
- **Product Development:** Learned execution of product design principles, functional prototype model, scaled models.

## WORK EXPERIENCE

### BharatPe | Front End Engineer Intern November 2021 to Present | New Delhi, India

- Collaborated with a multi-disciplinary team of software engineers, user interface designers, product managers as part of the team to develop the newest consumer-focused Buy Now Pay Later (BNPL) product, PostPe.
- Integrated new features to the Javascript and React based mobile application using the Webview flow and a bespoke native-hand-shaker. Developed the UI for in-app credit card bill payments, integrated M2P financial services API for PostPe card usage.
- Refactored the app as part of a Performance Audit. Introduced better linting & formatting using ESLint & Prettier. Standardised React component patterns & optimised the codebase to achieve a 17.8% smaller bundle size leading to 0.9s faster pageload time.

### GitHub | MLH Spring Fellow'22 February 2022 to April 2022 | Remote

- Selected as a fellow amongst 55000+ applicants for the Major League Hacking Fellowship, where I worked with GitHub on the GitHub documentation project for a duration of 12 weeks.
- Resolved multiple issues related to the Javascript, Next.js and Markdown based web application alongside writing and updating technical articles of the new GitHub features such as Codespaces, Actions, Guides, Discussions.
- Collaborated with a team of 10+ students from multiple countries, conducted daily standups, delivered show and tell sessions on SEO optimisations for websites, weird javascript behaviour.

### Boutiques Inc | Front End Engineer Intern August 2020 to December 2020 | Remote

- Developed a highly interactive cross-platform mobile application (iOS and Android) focusing on social commerce using React Native and a server-less architecture using Firebase Cloud Functions.
- Implemented a series of features such as a product feed with social media features (likes, comments, share), real-time chat supporting modern features such as message reply, audio-video calls and payments.
- Integrated APIs from Firebase Ecosystem (Auth, Firestore Database, Cloud Messaging & Push Notifications), Agora, Stripe, Redux.

### LogRocket | Technical Writer December 2021 to Present | Remote

- Scripted and published articles focusing on frontend development using Javascript, React, Node.js and other related technologies.
- Employed a variety of concepts such as architecture & design patterns, performance. The articles have gathered several views.

## PROJECTS

### Signit | Digital Certificate Generation and Distribution Opensource | Google DSC NIT Rourkela

- Engineered a custom Digital Certificate generation, authorisation and distribution platform for the student clubs in the university.
- Developed a scalable solution with modern features like Canvas, Typescript, React and Material UI for the client along with Autho authentication in a Node.js, MongoDB and GraphQL based server. Distributed over 3000+ certificates, used in multiple events.

### NITR Avenue: Student Interaction Platform Opensource | Google DSC NIT Rourkela

- Spearheaded a developer team to create a mobile app to get updates of institute events, lecture timetable and institute emails.
- Architected a React based mail client integrating Zimbra Soap APIs providing services like inbox, compose, trash, drafts, etc.

### Aptiche: Custom Quizzing Platform Opensource | Google DSC NIT Rourkela

- Coordinated an initiative for the AIChE Community of NIT Rourkela with a platform to conduct custom quizzes via a mobile app.
- Delivered a fully typesafe, scalable server using Node.js, Typescript, GraphQL. Used TypeGraphQL for single source of truth.

## TECHNICAL SKILLS

- **Programming Languages:** Javascript, Typescript, Node.js, HTML5, CSS3, GraphQL, C++, Bash
- **Frameworks Libraries:** React, Next.js, React Native, Redux, Apollo GraphQL, Tailwind CSS, Express, MongoDB, Mongoose
- **Tools and Technologies:** Git, GitHub, Webpack, Grunt, Cloudflare, GitHub Actions, Docker, Kubernetes, Amazon Web Services.
- **Operating Systems:** MacOS Monterey, Linux - Ubuntu, Arch
- **Design Tools:** Figma, Adobe XD, Adobe Photoshop, Adobe Lightroom

## VOLUNTEER EXPERIENCE

- **Google Developer Student Clubs:** Led a group of technology enthusiastic students to develop solutions to help the students.
- **GitHub Campus Experts:** Strived to build diverse and inclusive community to learn skills, share experiences build projects.
- **Lead Organiser | HackNITR 3.0** Led operations of various teams to conduct one of the largest Hackathons in eastern India.
- **Technical Director | TEDxNITRourkela** Maintained the website and created a custom live streaming platform along with ticketing.