RITESH PATIL

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ACADEMIC BACKGROUND

2023	*National Institute of Technology, Rourkela*	*B.Tech in Industrial Design*	Overall GPA: 7.98/10
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 | Software Development Engineer - Frontend   **January 2023 to Present | Gurugram, India**
BharatPe | Software Development Engineer Intern - Frontend   **November 2021 January 2023 | Remote, 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 BNPL product, PostPe providing financial services close to 5 million users.
- 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 page load time.

GitHub | SDE Intern - MLH Spring Fellow'22   **February 2022 to April 2022 | Remote**

- Selected as a software engineering fellow amongst 55000+ applicants for the Major League Hacking Fellowship, where I worked with GitHub on the it's documentation project for 12 weeks resulting in improved documentation for over 6 million users.
- Resolved multiple issues related to the Javascript, Next.js and Markdown-based web application alongside writing and updating technical 5+ 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, functional programming in javascript, the state of state management in React.

Boutiques Inc | Software Development Engineer - Frontend   **August 2020 to December 2020 | Remote**

- Engineered 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 in order to serve close to 1 million+ small scale businesses.
- Implemented a series of features such as a product feed with social media features such as likes, comments, share, real-time chat supporting modern features like message replies, audio-video calls, multiple payment options.
- 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.

NOTABLE PROJECTS

ICS: Institute Counselling Services   **Opensource | Google DSC NIT Rourkela**

- Coordinated an initiative with the institute to create a platform to provide students access to institute counselling services.
- Developed a scalable server using Node.js, GraphQL and MongoDB. The app has close to 3000+ downloads and 1500+ daily users

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 Auth0 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.

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.
- **Design Tools:** Figma, Adobe XD, Adobe Photoshop, Adobe Lightroom

POSITION OF RESPONSIBILITIES

- **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.