

# SURAJ KUMAR

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## Education

National Institute Of Technology, Patna

B.Tech, Electrical Enginnering

8.39/10

Dec. 2021 – April 2025

## Experience

### Splitly

Jan-2025- Present

SWE Intern

Remote

- Led the full-stack development and successful launch of the **Splitly** mobile app on both the Apple App Store and Google Play Store, acquiring **300+ downloads**.
- Engineered the entire frontend from scratch in **React Native**, focusing on creating an intuitive user experience with optimized, **low-tap process** flows. Build **SEO optimised** landing page which got **15k+ visitors** within 1 month.
- Assumed full ownership of the backend, designing and implementing core features in **Go Lang**, including robust **OAuth 2.0** authentication, mobile verification with an **OTP system**, and a real-time **push notification** service.
- Integrated a **Mistral AI** and **Grok** model for OCR to power a **receipt scanning** and **itemization feature**, achieving a rapid **3-second processing time**.
- Improved application stability by identifying and fixing over **30 bugs** in a **three-week period**.

### Build In Bharat Tech.

Jun-2024- Aug-2024

Frontend Engineer Intern

Remote

- Developed & delivered frontend for **4 projects** from scratch with **React.js** & **Tailwind CSS**, ensuring high-quality, responsive designs.
- Boosted page load efficiency by **30%** by applying lazy loading & other performance optimization techniques.
- Improved development efficiency by **30%** utilizing component libraries like **ShadCN** & **Material UI**.

## Projects

### Ghiblify | ReactJs, Supabase

March 2025

- Capitalized on the Ghibli trend to rapidly develop a website within **2 hours**, strategically aiming to attract users for monetization opportunities.
- Drove significant early traction, acquiring over **1,000+** website visitors and converting **100+** into paying customers within the first **48 hours**, generating **INR 3,000** in revenue.
- Achieved a **10%** user conversion rate and a **10%** user retention rate, with a consistent average of **4-5** concurrent online users. Streamlined the user detail submission process to an average of **30 seconds**.

### Alumni Website, NIT Patna | ReactJs, NodeJs, Appwrite

- Designed & developed the official **Alumni Website** of **NIT Patna**, facilitating seamless connections & engagement for the alumni community.
- Achieved **21k+** total visitors & **16k+** unique visitors, establishing it as a widely-used platform for the alumni network.
- Introduced moderation workflows, including reviewing profiles & user-submitted posts before publication to ensure content quality & relevance.

## Technical Skills

**Languages:** C/C++, Python, Javascript, GO-Lang, HTML/CSS, SQL

**Problem Solving:** CP, Data Structures and Algorithm (700+ ques)

**Developer Tools:** VS Code, Git, Github, Postman

**Technologies/Frameworks:** React Js, Node Js, Redux

**Cloud/Databases:** DBMS, MongoDB, Supabase

**Soft Skills:** Leadershship, Troubleshooting Proficiency, Communication Skill, Basketball

## Leadership/Extracurricular

### Web Lead

July 2024 - Present

T.E.S.L.A. Club, NIT Patna

### Vice President

Sep 2023 - Oct 2024

Natvansh, Drama & Film Club, NIT Patna

## Achievements

**Byteverse Hackathon (2023)** Secured a position in the Top 20 Teams and invited for offline participation.

**Competitive Programming** Achieved a **1600+** rating on **CodeChef** and a **1580** max rating on **LeetCode**.

**ALLEY VENTURES at TCF'23** Won 1st place in the prestigious entrepreneurial competition.

**Sports Achievements** Represented Basketball Team at tournaments held in IIM BG, BIT Patna, and IIT Patna.