

# Sumit Ghosh

+91-8777373954    sumitghosh345@gmail.com    LinkedIn    GitHub    Portfolio

## Experience

### Kasplo

January 2025 – Present

Software Engineer Frontend – TypeScript, Next.js, Storybook, Rollup, Jest

Bengaluru, India

- Took ownership of the **UI/UX** revamp by developing a custom component library using **Rollup** and **Storybook**, published it to npm, improved design consistency by **40%**, and sped up development by **35%** across teams.
- Optimized application performance by implementing advanced **React hooks** and sophisticated caching mechanisms, reducing API latency by **65%** and improving page load times by **28%**.
- Fixed a critical bug in email campaign report generation, boosting completion rates from **72%** to **99.5%** and stabilizing a key feature for **30+** enterprise clients.

### Lean Platform Technologies

April 2023 – January 2025

Software Development Engineer 1 – React.js, Node.js, MongoDB, PostgreSQL, AWS

Goa, India

- Contributed to **The Product Platform** (MAU 10000+), developing advanced EdTech features for product managers, where a redesigned user account management system reduced registration abandonment by **50%**.
- Implemented performance optimizations including **code splitting**, modern asset formats (**WebP/AVIF**), **Redux** and **Framer Motion** delivering **8%** faster loading times, **5%** higher user conversion, and **48%** fewer crash reports.
- Integrated **PhonePe** payment gateway, boosting transaction volume by **120%** and improving user engagement by **10%**.

## Projects

### Kasplo UI Components Library | TypeScript, Rollup, Storybook, Tailwind CSS

npm Link

- A reusable, high-performance component library ensuring UI/UX consistency across **Kasplo** products, built with **TypeScript** and bundled via **Rollup** for optimized, tree-shaken ESM/CJS outputs.
- Integrates **Storybook** for interactive documentation and visual testing, plus precompiled **Tailwind CSS** for lean, zero config styling, reducing CSS bundle by **75%**.
- Improved code quality with **Husky** hooks (ESLint, Prettier, Jest), cutting rework by **30%**, and supports **85%** of JS environments (e.g., **Vite**, **Next.js**) with a **12 kB** gzipped footprint.

### GreetsU | React.js, Redux, Supabase, OAuth

Live Link | Video Link

- A vibrant **B2C** virtual platform for personalized wishes, leveraging **Supabase** for the backend. Single-handedly worked and managed the entire application, focusing on delivering an immersive, user-centric experience.
- Added **OAuth** within the **User Account Management system**, enhancing security and user experience by enabling seamless and secure login processes.
- Refined a mechanism to generate **unique links** for each user-created wish, facilitating seamless sharing.

## Technical Skills

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Redux, Tailwind CSS

**Programming Languages:** JavaScript, TypeScript

**Databases & ORM:** MySQL, PostgreSQL, MongoDB, Prisma, Mongoose

**Version Control:** Git, GitHub, Bitbucket

**Miscellaneous:** RollUp, Storybook, Nginx, SEO, Webpack, AWS

## Achievements

- Successfully spearheaded end-to-end development of a pivotal module named **Course** in just 2 days.
- Received 'Best Debugger' within Lean Platform Technologies, highlighting exceptional leadership skills in problem-solving and resolving complex technical issues.

## Education

Academy of Technology

**B.Tech : Electronics and Communication Engineering (ECE)**

July 2019 - June 2023

**CGPA: 8.75**