

# Sumit Ghosh

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## EXPERIENCE

### LEAN PLATFORM TECHNOLOGIES

#### SDE 1 - Frontend Team

South Goa, Goa

July 2023 - Present

I contributed to [The Product Platform](#) (MAU 3500+) and led [KhamBee](#)'s development. For The Product Platform, I developed advanced EdTech features for product managers and led KhamBee, a SaaS for creators to establish their web presence.

- Redesigned and optimized the **user account management** system, achieving a **28%** reduction in registration drop-off rates.
- Enhanced platform performance by implementing **code splitting**, **lazy loading** techniques, and modern asset formats such as WebP and AVIF, effectively reducing loading time by 8% and increasing user satisfaction.
- Introduced key libraries such as **React Query** and **Zustand** to enhance app performance, and implemented Framer motion for advanced animations. This resulted in a **5%** increase in user conversion and a **48%** reduction in crash reports
- Integrated **PhonePe payment gateway** using API for seamless payment processing and collection.
- As part of a two-member team, developed an intuitive **A/B test** interface and dynamic test creation console to drive data-informed decisions and optimize user engagement. We completed the project in a record time of **4 weeks**.
- Configured and managed **VPS** deployment server for streamlined front-end and back-end builds.
- Engineered an on-the-go reading ([Concept Cards](#)) and quiz platform using Redux for state management and complex data operations, enhancing user learning with flexibility and engagement.
- Led a dedicated **4** member development team through multiple development sprints, fostering collaboration and ensuring the punctual delivery of high-quality software solutions.
- Implemented **Google Calendar** authentication using Node.js, enabling secure and efficient slot booking integration.

### LEAN PLATFORM TECHNOLOGIES

#### Full Stack Inter - Frontend Team

Chennai

April 2023 - June 2023

- Successfully launched a high-performance web application using Next.js for server-side rendering, Tailwind CSS for efficient styling, and React Query for optimized data fetching and state management.
- Seamlessly integrated a full-fledged payment feature into their web application, covering end-to-end payment processing from initiation to confirmation. This included setting up secure payment gateways, implementing user-friendly interfaces for payment selection and input. .
- Developed a **Node.js** backend with **MongoDB** integration to power a **community platform**, facilitating student interactions .

## TECHNICAL SKILLS

- **Languages & Tools** : JavaScript, TypeScript, Java, HTML, CSS, Git, Google Analytics, Lighthouse, VS Code
- **Frameworks & Libraries** : React.js, Next.js, Redux, Tailwind CSS, Node.js, Express.js, Firebase, Supabase
- **Database** : MongoDB, MySQL
- **Familiar with** : Shell Scripting, Nginx, SEO, VPS, Webpack, Amazon S3, Agile Methodology

## PROJECTS

### CONCEPT CARDS | [LINK](#) | [VIDEO](#)

November 2023 - January 2024

- Developed a comprehensive study application utilizing **React.js**, Swiper.js and **Redux** providing users with two distinct modules: "Cards" for efficient reading and "Quiz" for interactive practice (Not launched yet).
- Employed **Swiper.js** to create a seamless and intuitive card navigation system, enhancing the reading experience for users.
- Implemented **Redux** to handle the complex data flow within the application.
- Engineered the application to support **on-the-go practice**, allowing users to seamlessly transition between reading and practicing study material. This feature enhances user engagement and accommodates flexible learning schedules.

### GREETSU | [LINK](#) | [VIDEO](#)

December 2023 - February 2024

A vibrant B2C virtual platform providing personalized wishes across diverse occasions via an immersive interface. Managed the project lifecycle, harnessing **Supabase** as the backend solution.

- Leveraged **Supabase** for efficient data storage and management, ensuring scalability and reliability of the platform.
- Implemented **Google Authentication** within the User Account Management system, enhancing security and user experience by enabling seamless and secure login processes.
- Developed a fluid **card editor**, enabling users to select and customize templates effortlessly.
- Implemented a mechanism to **generate unique links** for each wish created by users, facilitating seamless sharing.

## EDUCATION

### ACADEMY OF TECHNOLOGY

B.Tech in Electronics and Communication Engineering (CGPA 8.75)

Hooghly, WB

2019-2023

## ACHIEVEMENTS

- Successfully spearheaded end-to-end development of a pivotal module named [Course](#) within a remarkably condensed time frame of just 2 days.
- Awarded 'Best Debugger' within Lean Platform Technologies, highlighting exceptional leadership skills in problem-solving and resolving complex technical issues.