

# 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+), developing advanced EdTech features for product managers, and led [KhamBee](#), a SaaS platform 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 **React Query**, **Zustand**, and **Framer Motion**, boosting user conversion by 5% and reducing crash reports by 48%.
  - Integrated **PhonePe payment gateway** using API, streamlining payment processing and increasing transaction volume by 20%, while reducing payment errors by 12% .
  - As part of a two-member team, built an intuitive **A/B** test interface and dynamic test creation console, leading to a 10% increase in user engagement and a 15% faster iteration cycle. We completed the project in a record time of 2 weeks.
  - Configured **VPS** deployment server for streamlined front-end and back-end builds.
  - Innovated 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.
  - Managed 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 Intern - 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

- Created 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.
- Assembled **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 adjustable learning schedules.

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

December 2023 - February 2024

- A vibrant B2C virtual platform providing personalized wishes across diverse occasions via an immersive interface. Monitored the project lifecycle, harnessing **Supabase** as the backend solution.
- Leveraged **Supabase** for efficient data storage and management, ensuring scalability and reliability of the platform.
  - Added **Google Authentication** within the User Account Management system, enhancing security and user experience by enabling seamless and secure login processes.
  - Formulated a fluid **card editor**, enabling users to select and customize templates effortlessly.
  - Refined a mechanism to **generate unique links** for each wish 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.