

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.
 - Created an end to end **Node.js microservice** with **Express.js** and **MVC**, supporting **18+ APIs** , optimizing performance by **22%**,.
 - 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 [Loveto](#), a **React.js** app with **Firebase** for couples to visualize and share relationship milestones through an interactive timeline, enhancing emotional connection.
- 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. .
- Innovated On-the-go reading ([Concept Cards](#)) and quiz platform using **Redux** for state management and complex data operations, enhancing user learning with engagement.

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

NODE.JS MICROSERVICE FOR COMMUNITY Q&A PLATFORM | [LINK](#)

November 2023 - January 2024

- A high-performance backend with **Express.js** and **MVC** architecture, enabling a community for streamlined Q&A engagement.
- Developed over **18+ RESTful API endpoints**, enabling scalable user interactions for posting, answering, and commenting.
 - Leveraged **Express.js** middleware to reduce API response time by **30%**.
 - Implemented **MongoDB** with optimized indexing for high-speed data retrieval, improving query efficiency by **40%**.
 - Designed a modular, fault-tolerant codebase, supporting rapid feature iteration and deployment scalability.

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

December 2023 - February 2024

- Built a vibrant **B2C virtual platform** for personalized wishes, leveraging **Supabase** for the backend. Independently worked and managed the entire application, focusing on delivering an immersive, user-centric experience.
- 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.