

# Sumit Ghosh

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## EXPERIENCE

### LEAN PLATFORM TECHNOLOGIES

#### Software Development Engineer 1

South Goa, Goa

July 2023 - Present

I contributed to [The Product Platform](#) (MAU 10000+), developing advanced EdTech features for product managers, and led [KhamBee](#), a SaaS platform for creators to establish their web presence

- I redesigned and optimized the **user account management** system, achieving a 50% reduction in registration drop.
- Enhanced platform's performance by implementing **code splitting**, **lazy loading** techniques and modern asset formats such as WebP and AVIF 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 120%, while reducing payment errors by 12% .
- As part of a two-member team, I 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 a **VPS** deployment server to optimize front-end and back-end builds, increasing deployment efficiency by 50%
- 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 slot booking integration.

### LEAN PLATFORM TECHNOLOGIES

#### Full Stack Intern

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 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 an 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
- **Frameworks & Libraries:** React.js, Next.js, Redux, Tailwind CSS, Node.js, Express.js, Firebase, Supabase
- **Database:** MongoDB, MySQL, Postgresql
- **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 engagement.

- Developed over **18+ RESTful API endpoints**, enabling 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 user-created wish, 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.