

Sumit Ghosh

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Experience

Lean Platform Technologies

April 2023 – Present

Software Development Engineer 1 – ReactJs, NextJs, NodeJs, MongoDB, PostgreSQL, AWS

Goa, India

- 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.
- 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**, **Redux** and **Framer Motion** boosting user conversion by **5%** and reducing crash reports by **48%**.
- Integrated **PhonePe** payment gateway, streamlining payment processing and increasing transaction volume by **120%**, 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 span of 2 weeks.
- Configured a **Nginx** deployment server to optimize front-end and back-end builds, increasing deployment efficiency by **50%**
- Managed a dedicated **4-member** development team through multiple development sprints, fostering collaboration and ensuring the punctual delivery of high-quality software solutions.

Projects

Community Platform | JavaScript, NodeJs, ExpressJs, MongoDB, MVC, ORM, Postman

Github

- A high-performance **Express.js** service with **MVC** architecture, enabling streamlined community engagement.
- Developed over **18+** **RESTful** API endpoints, enabling user interactions for posting, answering, and commenting.
- Applied **pagination**, **searching**, and **sorting** functionalities with informative messaging for post retrieval.
- Implemented **MongoDB** with optimized indexing for high-speed data retrieval, improving query efficiency by **40%**.

GreetsU | ReactJs, PostgreSQL, Redux, Supabase, OAuth

Live link | Video

- 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.
- Added **OAuth** 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.

Technical Skills

Programming Languages: JavaScript, TypeScript, SQL

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

Databases & Orm: MySQL, PostgreSQL, MongoDB, Prisma, Mongoose

Version Control: Git, GitHub, Bitbucket

Miscellaneous: Design Patterns, High Level Design, Microservices, Nginx, SEO, VPS, Webpack, AWS

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.

Education

Academy of Technology

B.Tech : Electronics and Communication Engineering(ECE)

July 2019 - June 2023

CGPA : 8.75