

Asiful Haque Mridul

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EXPERIENCE

LEMON HIVE | [SITE](#)

Sep 2022 – July 2023 | Dhaka, BD

FULLSTACK DEVELOPER

- Create and **test** multiple UI components using **Storybook**. Implement **unit tests** for all the components with **jest**.
- Transform **mockups** and **motion** designs into a **Nextjs** design with **animations**. Optimize the performance of the hero section animation from **O(n)** to **O(1)** to enhance the user experience by **90%**.
- Design the **schema** for content management in **Strapi**, ensuring it aligns with the project's needs. Additionally, create a custom **CK Editor plugin** for Strapi to enhance content editing capabilities.

GO ZAYAAN | [SITE](#)

Aug 2021 – Sep 2022 | Dhaka, BD

FRONTEND DEVELOPER

- **Rebuilt** the entire **Tour-Panel** using **Vuejs**, **Vuexy**, and **Vue-Bootstrap**, enhancing team performance by **80%** & cost reduction by **30%**.
- Implemented frontend **permission-based authentication** to secure the application, ensuring authorized access for different user **roles**.
- Develop user-friendly **calendar component** for the **tour team**, streamlining their workflow and improving productivity.

MAJOR PROJECT

KAJ BAZAR | [LIVE](#) | [CODE](#) | [SHARED-LIBRARY](#) | [UI](#)

MICROSERVICE, RABBITMQ, NEXT, NODE, BUN, TYPESCRIPT, ZUSTAND

A scalable freelance marketplace using microservices architecture, real-time communication, and polyglot persistence across 10 services.

- Designed a microservices architecture (10 domains) with a **gateway API**, **shared library**, and **polyglot** persistence (MongoDB, PostgreSQL, MySQL) using **DB transactions** for **Concurrency Control**.
- Architected scalable **real-time chat** and **notification systems**. Utilized **WebSockets** for instant communication, **Redis Pub/Sub** for decoupled messaging, & **Redis Cache** for fast data retrieval & high-traffic performance.
- Advanced type and class-based architecture utilizing **abstract classes** and **interfaces**. Implement a **Base Publisher**, **Base Listener** for **RabbitMQ** & structured **Error Handler** for robust, extensible event flow.
- Leverage **multi stage docker build** & established a robust **CI/CD** pipeline with **NGINX** on a Virtual Private Server (**VPS**) for accelerated, continuous deployment and seamless integration for **microservice architecture**.

NIYOG ZONE | [LIVE](#) | [CODE](#) | [UI](#)

NEXT, NODE, TYPESCRIPT, ZUSTAND, GRAPHQL, DRIZZLE, REACT-QUERY

A full-featured job board connecting Candidates & Recruiters. Includes advanced search, applications, company management, applicant tracking, and networking.

- Implemented a scalable **Feature-Based** Frontend Architecture with **Presenter** pattern for better component separation and maintainability.
- Developed a secure API using **JWT** authentication with **Role-Based** Access Control (**RBAC**), ensuring data integrity with **DB transactions**.
- Designed advanced **filtering** with **pagination** and implemented a **custom error structure** with a global **try/catch** handler.
- Leveraged advanced **Docker build** with a **CI/CD pipeline** for automated deployment and hosting on a **VPS** environment.

LINKS

Portfolio:// [asif](#)

Leetcode:// [asifulhaque087](#)

Github:// [asifulhaque087](#)

LinkedIn:// [5aa665212](#)

ALGORITHM

Solved **500+** problems on [LeetCode](#)

SKILLS

LANGUAGE :

- Python
- Javascript, Typescript

FRONTEND :

- React
- Next
- Storybook
- React Query, Apollo
- Zustand, Redux
- Sass, Tailwind, Shadcn

BACKEND :

- Node
- Express
- Drizzle
- Sql, GraphQL
- WebSocket, WebRTC
- PostgreSQL, MySQL, MongoDB
- Strapi, Sanity

DEVOPS:

- AWS, Vps, Linux
- Docker
- Nginx, CI/CD
- kubernetes

OTHERS :

- Git
- RabbitMQ
- Agile, Scrum

MINOR PROJECT

- Shop Me | [LIVE](#) | [CODE](#)
- Final Gallery | [LIVE](#) | [CODE](#)
- Pdf Editor | [LIVE](#) | [CODE](#)
- Code Editor - Youtube | [LIVE](#) | [CODE](#)
- Video Peer - Youtube | [LIVE](#) | [CODE](#)
- Google Clone - Youtube | [LIVE](#) | [CODE](#)
- Hulu Clone - Youtube | [LIVE](#) | [CODE](#)

EDUCATION

SOUTHEAST UNIVERSITY

CSE

2027 | Dhaka, Bangladesh