

MOHAMADSOHIL MOMIN

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Work Experience - 3 years of extensive work experience

Tally Solutions, Bangalore | Software Development Engineer - 2 Sep'21 - Present

- Optimized the existing threshold matching algorithm of Recon framework from $O(N*N)$ to $O(N\log N)$ with the help of Self Balanced Double Threaded Binary Search Tree for **TallyPay. (cpp,c++)**
- Designed the backend for **WhatsApp integration** into TallyPrime, improving the users **efficiency** by more than **90%**.
- Automated the Conveyance Bill claiming for Employees, which can potentially **save more than 95% of time**.
- Mentored **3 internships**, **2 induction projects**, and **2 induction expert** for **cpp, Data structure and Algorithms** and **Git**

SaffronStays, Remote | BACKEND DEVELOPER INTERN Mar'21 - Sep'21

- Designed **Clean Architecture** based modules for the Backend server using **NodeJS** and **Express**.
- Designed the Database schemas for the eCommerce platform using the **NoSQL** database **MongoDB**.

Education

Dhirubhai Ambani Institute of Information and Communication Technology, India 2017 - 2021

- Bachelor of Information and communication technology | CGPA: **8.14/10**

Diwan Ballubhai School, India 2015 - 2017

- *GSEB (Class XII), Aggregate: 93%*

Diwan Ballubhai School, India 2014 - 2015

- *GSEB (Class X), Aggregate: 87%*

Skills

C++ | C | JavaScript | NodeJS | React | MongoDB | Python | MySQL | Git | Data Structure and Algorithms | Problem Solving

Projects

ReviewNet [Go-Live](#) | [App](#) | [Demo](#) Feb'21

One-stop platform to get the reviews of all the products made using React and Node

- **Users** can **read/write/delete/like** reviews of electronic products to grocery, airline services, movies to books, and lot more.
- Only verified **Companies** can **list/modify/delete** their products on the platform.
- Users and companies can **verify accounts** or **reset/forget passwords** via their registered Email
- Tech-stack used: ReactJS, NodeJS, MongoDB, Bootstrap

Infinite Storage [Go-Live](#) | [GitHub](#) Feb'24

A Free of cost and Unlimited Storage platform to store and retrieve any kind of file at any time

- A proof of concept/fun project to use Telegram as a **cloud storage**. (**HTML, CSS, JavaScript, NodeJS, MongoDB**)
- All files uploaded to the platform are **encrypted** such that even Telegram servers can't read the content of the files.

Scroll Book [Go-Live](#) | [Demo](#) Sep'20

A social media platform to share memories - An Instagram clone

- Users can **post/delete/like/comment** the photo post with captions.
- Users can **signup/login**, **follow/unfollow** other users and **forget/reset** their passwords with links sent to email

Academic and Extracurricular Achievements

- Awarded prestigious **Tally Rookie Award - Engineering HY2 22-23** for significant contribution towards Release 3.0
- Solved more than **500+** coding problems across Codeforces, Leetcode, HackerRank, etc.

Courses And Certificates

Server-side Development with **NodeJS** Express and **MongoDB** | Coursera | [Link](#) Nov'20

Front-End Web Development With **React** | Coursera | [Link](#) Nov'20

Front-End Web UI Frameworks and Tools: **Bootstrap4** | Coursera | [Link](#) Nov'20