

Riya Lohia

SOFTWARE ENGINEER

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Skills

- **Web** - HTML, CSS, JavaScript, Web Workers, Web Sockets
- **Libraries** - React, Redux, SWR, Zustand
- **TDD** - Jest, Enzyme, React-Testing-Library
- **Framework** - ExpressJS, NextJS
- **Performance** - Lighthouse, Sentry
- **Others** - TypeScript, Node, MongoDB, Storybook, SlateJS, ChatGPT, Material UI

Experience

Unacademy

SOFTWARE ENGINEER

Bangalore, India

Sep'21 - Present

- **Cohesive AI** React, TypeScript, NextJS, SWR, SlateJS, WebSockets
Developing features like content streaming, continue writing, rephrasing, summarising, translating, generating free text default prompts, etc to make content creation more accessible using Chat GPT API and Slate JS rich text editor, resulting in the cohesive AI ranking 2nd on Product Hunt
- **Learner Experience** React, SWR, WebSockets
Added learner-focused features such as Groups(Social Media), Epub Notes, Planner, Syllabus, and Streaks, leading to a 30% boost in user engagement. Also, developed architecture for new projects, including POC and library selection.
- **Device Limitation** React, EpubJS, SWR
Restricting the parallel content consumption on the same subscription accounts using WebSockets.
- **Performance** React, SWR, Zustand, Sentry, NextJS
Converted pages to static pages, enabled CDN caching for static pages, migrated pages from redux to Zustand and SWR which resulted in reducing page size to about 500KB per visit and unused JavaScript decreased by 70%.

Innovaccer Analytics

SOFTWARE DEVELOPMENT ENGINEER

Noida, India

Feb'20 - Sep'21

- **Masala Design System** React, TypeScript, Storybook, Jest
Created, maintained and tested end to end open source components library for Innovaccer which comprises of components ranging from atoms (e.g Avatar, Button, Input, Dropdown) to molecules (Overlays, Dropzone) and complex organisms (Grid, DatePicker).
- **Contact Center** React, Redux, ExpressJS, Enzyme
Developed Contact Center app which helped clients in improving around 40% member engagement and was actively involved in cross-team communication with designers, product owners and other developers to take the product forward.
- **Rich Text Editor** React, DraftJS, Webpack
Created a rich text editor on top of facebook's DraftJS and ReactJS.

Google Summer of Code'18 with SugarLabs

INTERN

HTML, CSS, JavaScript

May'18 - Aug'18

Shipped some major features of Sugar Lab's Music Blocks software. Improved the ability of Music Blocks to work with all the major and custom temperament which was earlier limited to equal temperament.

Projects

React Epub Search

React, TypeScript, EpubJS

- An npm package for react epub reader powered by epubJS.
- User can search, highlight text and can add their own themes.

Medicare System

JavaScript, ExpressJS, MongoDB

- The project lists down the diseases and treatments for a given medical symptom.
- User can also get a path to a nearby hospital for a particular disease.

Banking System

Java, MySQL

- A stand-alone application for bank ranked 2nd under Computer Society of India.
- User can create, edit, and delete his bank account and can also apply for a loan.

Covid Tracker

React

- A web app built using Innovaccer Design System to track Covid-19.
- User can also filter results based on state and city.

Education

B.Tech, Electronics and Communication Engineering

2016-2020

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

Class 12

2015

SAINT SOLDIERS PUBLIC SCHOOL

Accomplishments

- **Champion of the quarter** award winner at Innovaccer.
- Secured 2nd position in the GHCI 19 AI Codeathon for Women Students
- Vice Chairperson of Computer Society of India ,LNMIIT Chapter
- Presented a talk at PyJaipur and Google Developers Group.