

# Usman Siddique

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## WORK EXPERIENCE

### Software Engineer, Taparoo

Jan 2024 – Current

- Optimized supabase queries and improved the performance **43,240x** by implementing indexes and replication.
- Lead migration of POS and order management system to Nextjs over a span of 2 months, resulting in **300ms** initial load time and **100%** lighthouse scores.

### Software Engineer, Devsinc

Jul 2022 – Jan 2024

- Lead development of DataPiper, an internal tool for a company, as qualified by 2-month delivery timeline, by leveraging micro-services architecture through **Express Gateway, MongoDB, Postgres, NATS** and **ReactJs**. Implemented a **CICD** pipeline using **Github Actions, Eslint** and **husky** for pre-commits.
- Accomplished successful development of LetsRemotify, remote hiring platform, as assessed by seamless user experience and increased efficiency, with **ReactJs**, and **TailwindCss**.
- Utilized **Supabase Realtime** to scale its chat system to handle 1 million messages while giving a smooth user experience.
- Implemented best practices for **performance** and **accessibility** (ARIA roles as well as keyboard shortcuts) and achieved 100% scores on Lighthouse Report for all projects.

### Software Intern, Layer5

Jun 2021 – Aug 2021

- Implemented a permission framework for an open-source organization through **ReactJs, Redux Toolkit** and **Redux Thunk**.
- Improved and refactored their codebase to functional components from class based components and migrated to React v16.
- Migrated their codebase to **Typescript** from **Javascript** and wrote test cases with **Jest** to ensure that the website does not break.

### Software Intern, Tintash

Jun 2020 – Aug 2020

- Developed the frontend through **ReactJS, Redux Toolkit**, and **Material UI** for a marketplace to connect dentists to patients.

## PROJECTS

### Shaper (<https://staging.shaper.us>)

- Implemented quiz app with **Supabase Realtime, NestJs**, and **TypeORM**. Designed the complete frontend with **TailwindCSS**, animations with **Framer Motion**, and wrote unit tests with **Jest** covering 100% of the codebase.
- Utilized AWS to deploy the infrastructure through **RDS** for hosting Postgres database, **S3 Buckets** for storing questions, images, **EC2** instance for server and **API Gateway** for routing requests.

## SKILLS

**Languages:** Javascript. Typescript.

**Technologies:** ReactJs, NestJs, NodeJs, VueJs, ExpressJs, NestJs, Supabase, Firebase, MongoDB, PostgresQL, TypeORM, Redux Toolkit, Redux Thunk, Tailwind, Material UI.

**Cloud:** AWS EC2, RDS, S3, API Gateway

**Certifications:** AWS Certified Cloud Practitioner

## EDUCATION

### Computer Engineering, Major, FAST NUCES

Jun 2020

- Spearheaded the organisation of SOFTEC'2022, the biggest IT extravaganza in South Asia, leading a team of over 400 volunteers to deliver a seamless event.