

# Tarun kumar singh

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## Education

**Haldia Institute of Technology**, Haldia, India  
*B.Tech, Computer Science and Engineering, 2019*

## Experience

### **Working on personal(Founding) projects**

Developed own websites one is edtech that helps school students as well as job aspirants to enhance general knowledge, representing in various forms. Displaying notes in chunk of texts so will be easy for students to remember, all these is done from the developed admin panel. Another one browser based tools, a set of tools that helps users to use different internet tools in browser. Was responsible for everything from development to deployment, etc. Visit this link to see projects <https://knwprojects.blogspot.com/2022/11/all-projects.html>

### **SDE-1, Brick and Bolt, Bangalore | May 2020 - Feb 2022**

- Taking the ownership of modules from development to deployment
- Developing reusable components in **NextJs** with **Ant** design UI library.
- Coordinating with product team for the requirement
- Making UI for accomplishing the Supply chain management flow
- Developing user friendly UI for different onboarding flow
- Optimizing code to improve performance and reducing no of network calls
- State management for frontend, optimization of state management
- Doing code review

### **Associate Engineer, Mutual Mobile, Hyderabad | Jan 2020 - May 2021**

- Responsible for Angular and Angular material UI design
- Making reusable components, services.
- Updating the JavaScript code to ES6.
- Designing API in ExpressJs, with MongoDB, .
- Writing different string manipulation programs.

### **Web developer intern, Maple Graph, Noida | Jan 2019 - Feb, 2019**

- Worked on the development of a website on NodeJs.
- Writing backend on NodeJS using AdonisJs framework with SQL.
- JavaScript programs for Automating API for google sheet.
- Making a dashboard for admin, integrating API to control the different features of a website.

## Skills

<b>Language</b>	JavaScript, TypeScript, Python
<b>Technology</b>	HTML, CSS, ReactJs, NextJs, Material UI, ANT Design UI, Redux, NodeJs, MongoDB, Redis, ExpressJs, NestJS, Angular 10, AWS EC2, AWS S3
<b>Others</b>	Data Structure, Algorithm, Problem Solving

## Projects

### **Knowledge Website**

This website is for online general knowledge, which present the study material in creative and different formats to make easy for students to study. Application is optimized using NextJS features. Website is responsive across all device, responsible for development to deployment.

**Tech Stack:** NextJs, NodeJS, ExpressJs, MongoDB, React material ui

**Link:** <https://knwprojects.blogspot.com/2022/11/visit-projects-here-httpsshiningmerit.html>

### **Onlinetools**

Onlinetools is an online platform with a set of free internet tools useful in regular days. Tools are optimized and responsive for different for all screens.responsible for development to deployment.

**Tech stack:** React MUI, NextJs, Different npm for manipulating different tools.

**Link:** <https://knwprojects.blogspot.com/2022/11/websites.html>

### **QShare(POC)**

QShare is a real time browser based multiplayer game, build with socket.io, Express Js in NodeJs environment.

**Link:** <https://qshare-1dbc4.web.app>

### **Travel Website(WIP)**

A travel information website that provide a place information in concise way and to the point acts like a virtual tour guide. Recommending products depending on the place to travel. Optimization place information in the browser and displaying only if it is the view of user. Generating the static build for non dynamic components. Platform contains both admin and user UI.

**Link:** <https://travell-user-production.up.railway.app>

**Tech stack:** NextJs, Material UI, ExpressJS, MongoDB,

### **Rich Text Editor ( WIP )**

A customized rich text editor built over **Slate Js** with minimalistic features. It can be converted to a reusable library, that can be used by node package package manger, that can help developers to develop Text editor with fewer lines of code without worrying about underlying complex logic.

**Link:** <https://slate-editor-a5a66.web.app>