

# Vikrant Tyagi

Portfolio/Vikrant | +91-8171305841 | Vikranttyagi5905682@gmail.com | linkedin/vikrant-tyagi-226754186/ | github/Buddyabc

## WORK EXPERIENCE

### COGNIZANT | FRONT END DEVELOPER

Noida, India | sept 2021 - present

- Bringing over 2 years of experience, actively collaborated with cross-functional teams and clients to develop and maintain applications.
- Implemented **Responsive UI** based on Figma design, incorporated dark mode, and introduced infinite scroll with a loader by using **ReactJs, Routers, Typescript, and SCSS**, resulting in a **25%** increase in user interaction.
- Optimized code efficiency, accelerated web app performance by implementing **lazy loading**, code splitting, and **Caching**/memoization techniques, resulting in a **30%** improvement over previous performance levels.
- Improved website **SEO** by leveraging **Next.js**, ensuring the development of a search engine-friendly platform, and enhancing website accessibility through the implementation of offline functionality via a **PWA**.
- Enhanced security by **25%** in **User authentication** and registration processes by implementing **JWT, NextAuth**, ensuring secure login and registration workflows with password encryption.
- Contributed to implementation of **RESTful APIs**, enabling efficient communication between the front-end and back-end systems.
- Implemented state management in complex React applications using **Redux**, enhancing data flow and ensuring predictable state changes for improved maintainability and scalability.
- Developed **unit test** cases using **Jest** ensuring code reliability and minimizing late-stage fix requirements.

## PROJECTS

### MYNOTEBOOK - A DYNAMIC APPLICATION NEXTJS, NEXTAUTH, MONGODB ATLAS, REST API's, SCSS

- Built a dynamic website using Next.js and MongoDB Atlas, incorporating RESTful APIs to facilitate the seamless creation, checking, updating, and deletion of tasks for different users, enhancing overall user experience and task management functionality
- On GitHub : [MyNoteBook](#)

### NEWSHUB- GET REAL TIME NEWS

REACTJS , NEWS API , BOOTSTRAP , MATERIAL UI

- A News App using React.js, Material UI and Bootstrap, providing real-time news information tailored to the selected categories, enhancing user experience and engagement.
- On GitHub - [NewsHub](#)

### PLAYWITHTEXT

REACTJS , BOOTSTRAP , MATERIAL UI

- An application designed for text analysis, allowing users to transform and customize text into their desired format for enhanced readability and understanding.
- Live Link : [PlaywithText](#)

## SKILLS

**Languages:** Javascript, Typescript, HTML5, CSS3

**Frameworks/Libraries:** React.js, Next.js, Redux, JQuery, Material UI, Bootstrap 5, SASS, Jest

**Tools:** Git, Jira, Docker, NPM, Webpack, Babel

**Familiar With :** Node.js, ExpressJS, RESTful APIs, MongoDB

## ACHIEVEMENTS

**Award for outstanding contribution in delivery**  
ISSUED BY COGNIZANT

| Sept 2022

## EDUCATION

**Noida Institute of Engineering And Technology**

B.Tech Computer Science And Engineering | Aug 2021 |