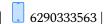
# Tridib Chatterjee











#### **Technical Skills**

Languages: JavaScript, TypeScript, Python, SQL, C, C++, Java

Front-end: React.JS, Next.JS, CSS Back-end: NodeJS, ExpressJS

**API**: RESTful API

Database: MongoDB, MySQL Developer Tools: Git, GitHub

Other Libraries: Redux, Tanstack Query

## Experience

#### Technical Member as Web Developer, HackClub VIT Chennai

September 2023 - Present

A Student led initiative fostering an inclusive environment for tech enthusiasts.

- Developed a user-friendly, responsive website for Hack Club, enhancing the club's online presence and accessibility.
- Utilized modern web development technologies and best practices to ensure a seamless user experience across various devices

#### Technical Member as Web Developer, CloudOps VIT Chennai

January 2024 - Present

A cloud-based community for aspiring tech professionals to collaborate on real-world projects.

- Built a **blog application** for the CloudOps website, enhancing content delivery and user interaction.
- Implemented an AI-powered recommendation system to personalize content and improve user engagement.

#### **Projects**

**GuardianEYE** (Solve-a-thon) | Flutter, ExpressJS, MongoDB, TensorFlow, Firebase, ESP-32

- Developed an innovative IoT smart lock utilizing advanced facial recognition technology to ensure seamless and secure access for authorized individuals.
- Implemented enhanced security measures, including intruder alerts with instant notifications to registered **mobile devices**, enhancing overall security and response time.
- Enabled remote management of the locking mechanism, allowing users to control access from any location within the campus, providing flexibility and peace of mind.

#### OfficeFlow | ReactJS, MongoDB, ExpressJS, Tanstack-Query, CSS, Axios

LINK

- Developed an intuitive platform to streamline workflow by integrating Note-taking, Task assignment, and tracking, enhancing organizational efficiency.
- Facilitated seamless communication among employees, managers, and admins with robust security features, empowering teams to work smarter and boost productivity.

### Stone-Paper-Scissor Game | HTML, Vanilla CSS, JAVASCRIPT, Axios

LINK

- Developed an interactive Rock, Paper, Scissors game allowing users to play against the computer, enhancing user engagement through dynamic gameplay.
- Implemented an auto-play feature to enable continuous gameplay without user input.

## Education

#### Vellore Institute of Technology

Chennai, India