



# Shiv Kumar Mahto

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## PROJECTS

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### NoteApi

Demo

- Developed a secure **restful Api** that enables client to perform **CRUD** operation on Notes.
- Implemented secure user authentication using **JWT and Bcrypt** and also introduced **Rate Limiting**.
- Technologies used **Node.js, Express, MongoDB, Express-rate-limit, Bcrypt, Jwt**.

### Tweetie

Demo

- Developed a web-based social media platform, added features like **create and post tweets, follow other users, and view their timelines**.
- I also implemented **secure user authentication** using **JWT** and **Bcrypt**.
- I utilized a variety of technologies, such as **React, Redux, Node, Express, MongoDB, Cloudinary, MUI, JWT, Bcrypt, Multer, Formik**.

### CoAuthor

Demo

- Developed a web-based **collaborative** text editor Where users can **create, edit, and share** documents in **real time**.
- The app enable users to add **Image, Code block, Font style** and many other features.
- The technologies employed included **React, Javascript, Node.js, Express, Socket.io, MongoDB**.

## EDUCATION

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2023 Bachelor's in **Computer Science and Technology** (GPA: 8.19/10)  
Gandhi Institute for Technological Advancement, Khordha, Odisha

2019 Intermediate (**Science**)  
C.N Inter College, Bokaro, Jharkhand

## CERTIFICATIONS

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2022 **C++ Programming - From Scratch to Advanced - Udemy**  
2022 **Problem Solving (Intermediate) Certificate - Udemy**

## TECHNICAL SKILLS

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**Programming** : C/C++, Javascript, Java, Python.  
**Frontend** : HTML, CSS, Javascript, React.Js, Next.Js, Redux.  
**Backend** : Node.Js, Express.Js, Redis, Socket IO, JWT, Bcrypt.  
**Api** : GraphQL, RESTful Api's, WhatsApp Cloud Api, Rapid Api.  
**Database** : MongoDB, MySQL.  
**Tools** : Git, Github, Docker, VS Code, Chrome, Windows.

## KEY COURSES

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**Computer Science** : Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management System (DBMS).