

# CHETAN GUPTA

[chetangupta.vercel.app](#) | chetangupta21@gmail.com | +91-6378472772 | [github.com/chetanguptaa](#)

## Education

**Bachelor of Technology (Computer Science and Engineering)**  
Modern Institute of Technology and Research Center | CGPA: 8.2

June 2020 – June 2024 (Expected)

## Skills

Java | JavaScript and TypeScript | NextJS 13 | ExpressJS | ReactJS | MongoDB | Docker | Kubernetes | AWS | Git and GitHub

Familiar with : Terraform | Postgresql | Solidity | Prisma

## Work Experience

**Chegg | Managed Network Expert**

June 2023 - Present

- Responded to diverse academic questions from students across various subjects.
- Provided accurate and comprehensive answers to promote students' understanding.
- Utilized subject matter expertise in Software Engineering to assist students effectively.

## Projects

**Crypto Pay**

13 August- Present

[github.com/chetanguptaa/crypto-pay](#)

- Implemented **smart contracts** for secure transactions and user management using **solidity**.
- Realized direct **peer-to-peer cryptocurrency** transfers.
- Addressed gas fee optimization and network congestion challenges.

**Paper Sync**

04 July - Present

[github.com/chetanguptaa/paper-sync](#)

- Developed a Google Docs clone utilizing the **MERN** (MongoDB, Express.js, React.js, Node.js) stack.
- Implemented **Yjs** for **Conflict-free Replicated Data Types (CRDT)**, enabling real-time collaboration among multiple users with automatic conflict resolution.
- Implemented user authentication features (login/signup) using secure practices like **hashed passwords** and **JWT (JSON Web Tokens)**.
- Integrated a link sharing feature, allowing users to share documents securely with others, enhancing collaboration and document accessibility.

**Quiz Generation App**

04 Sept - Present

[github.com/chetanguptaa/q-app](#)

- Developed a dynamic quiz app with **Next.js 13**.
- Integrated **Google authentication** using **Next Auth** for user access.
- Utilized **OpenAI** API for topic-based question generation.
- Managed data efficiently with **PostgreSQL**.

**NodeJS Application Using Docker and Kubernetes cluster**

23 March - Present

[github.com/chetanguptaa/task-manager](#)

- Created a system used to handle Database, and server orchestration using **docker, docker-compose**.
- Containerized the image with Docker and created a **Docker image**.
- Deployed the application to a **Kubernetes** cluster locally and managed it using Kubernetes deployment and service objects.

## Technical Achievements

- Top 3% of Coders on [Leetcode](#).