

# ASHISH JHA

 [EMAIL](#)  [Github](#)  [LinkedIn](#)

## SUMMARY

Motivated 3rd-year IT student with hands-on experience in full-stack development, scalable backend systems, and type-safe database schemas. Skilled in building reliable applications using Next.js, Drizzle ORM, and Convex, with strong problem-solving abilities demonstrated through competitive programming. Seeking an internship to apply technical expertise and contribute to impactful projects.

## PROJECTS

### 1. Type-DD:

[\(Github repository\)](#)

[Website](#)

- Created using Next.js as the full-stack framework.
- Used Convex for backend handling and database management.
- Applied Zustand for efficient client-side state management.
- Integrated Clerk for secure user authentication and session handling.
- Leveraged the Piston API to compile and execute code in different programming languages, with robust error handling.

### 2. Memeify

[\(Github repository\)](#)

[Website](#)

- Built dynamic UI components and meme management features using Next.js with state management.
- Implemented scalable database handling with Drizzle ORM and serverless Postgres (Neon DB).
- Designed and optimized PostgreSQL schemas with Drizzle ORM, enforcing strict entity-attribute relationships and indexes
- Implemented efficient, type-safe SQL queries for fast and reliable data fetching
- Integrated ImageKit for image manipulation, authentication, and UI customization.
- Secured user access with Auth.js integration in Next.js.
- Implemented image favoriting with retrieval via a dedicated /favorite route.

### 3. Cloud-drive:

[\(Github repository\)](#)

[Website](#)

- Built a virtual cloud storage platform using Next.js, Tailwind, Convex DB, Clerk.
- Engineered fast and secure file uploads with real-time synchronization, ensuring smooth file management across devices
- Integrated Clerk authentication and UploadThing APIs to streamline cloud storage operations and improve security
- Utilized Drizzle ORM to define scalable database schemas, enforce entity-attribute relationships, and enable type-safe queries
- Improved developer experience by setting up linting, type-checking, and automated database migrations with ESLint, TypeScript, and Drizzle Kit

## EDUCATION

### • Bachelor of Technology in Information Technology

July 2023 - July 2027 (Expected)

*Kalinga Institute of Industrial Technology*

### • Higher Secondary Education

April 2021 - April 2023

*Dwarka International School*

## SKILLS

- **Languages:** C, C++, Go, Java, JS/TS
- **Frameworks & Libraries:** React, Next.js, Zustand, Drizzle ORM
- **Tools & Systems:** Git, Neovim, Bash, OS, DBMS
- **Spoken Languages:** English, Hindi