

Ashish Jha

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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 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.

Skills

- **Programming Languages:** C, C++, Go, Java, JavaScript, TypeScript
- **Frameworks & Libraries:** React, Next.js, Zustand, Drizzle ORM
- **Databases:** PostgreSQL, Neon (Serverless PostgreSQL)
- **Backend & Cloud Services:** Convex, Vercel
- **DevOps & Tools:** Git, Docker, Kubernetes, CI/CD pipelines, Neovim, Bash, Linux
- **Spoken Languages:** English, Hindi

Projects

- **Type-DD (code.ashishjha.tech)**
 - Desc: Multiple coding Languages online compiler and executor.
 - Built with Next.js, Convex backend, Zustand state management, and Clerk authentication.
 - Integrated Piston API to compile and run programs in multiple languages.
 - Reduced execution latency by optimizing request handling and database integration.
- **Memeify (memeify.ashishjha.tech)**
 - Desc: Meme generation and sharing platform.
 - Implemented scalable database handling with Drizzle ORM and NeonDB (serverless PostgreSQL).
 - Designed optimized schemas and enforced type-safe queries for faster performance.
 - Integrated ImageKit for manipulation and Auth.js for secure user access.
- **Cloud-Drive (cloud.ashishjha.tech)**
 - Desc: Virtual cloud storage solution
 - Developed with Next.js, Tailwind, Convex DB, Clerk authentication.
 - Enabled real-time synchronization across devices and secure file uploads with UploadThing API.
 - Enhanced scalability through database schema enforcement with Drizzle ORM.

Education

Bachelor of Technology in Information Technology

Jul 2023 - Jul 2027 (Expected)

Kalinga Institute of Industrial Technology

Higher Secondary Education

Apr 2021 - Apr 2023

Dwarka International School

Relevant Coursework

Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Software Engineering, Cloud Computing, Distributed Systems

Achievements

- Solved 300+ algorithmic problems on LeetCode, Codeforces, and GFG, strengthening problem-solving skills.
- Secured 1st place in college-level Hackathon (2024) for developing a scalable web application.

Interests

Open Source Contribution, Cloud Infrastructure, System Design, Competitive Programming