

Anand Kumar

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EDUCATION

2023 – Present	Kalinga Institute of Industrial Technology Bachelor of Technology (Pre-final Year)	CGPA: 8.50
2023	Higher Secondary Education (BSEB)	81.8%

TECHNICAL SKILLS

Languages	Python, JavaScript, TypeScript, C++ , Golang
Technologies	React, Next.js, Node.js, Express.js, Tailwind CSS, and HTML/CSS
Tools & DBs	MongoDB, PostgreSQL, Git, GitHub, Linux, Postman, Prisma, Drizzle

PROJECTS

CloudCompress | Next.js, PostgreSQL, Prisma, Cloudinary, Node.js, Clerk [Link to demo](#)

- Developed a media optimization platform achieving **65% file size reduction** using Cloudinary AI transformations for 1,000+ assets.
- Engineered a dual-stage compression pipeline (client and server-side), reducing initial upload payloads by **40%**.
- Built a real-time analytics dashboard to track storage savings and processing metrics.
- Integrated **Clerk** for secure authentication, and a clean UI with **TailwindCSS** and **ShadcnUI**.

Sideink | MongoDB, Express.js, React, Node.js, React Router [Link to Demo](#)

- Developed a full-stack note-taking application using the MERN stack for seamless note organization and retrieval.
- Leveraged MongoDB for secure storage and real-time retrieval of user-generated notes.
- Integrated React Router framework to handle application state and smooth client-side navigation.
- Designed an interactive dashboard with features for note pinning, live search, and archival functionality.

AeroYodha | Node.js, Express.js, Python, Postman [Link to demo](#)

- Engineered a scalable backend for a UAV traffic simulator to process real-time simulation data.
- Designed REST APIs to bridge the frontend with Python simulation modules, enabling low-latency data exchange.
- Validated all API endpoints using Postman to ensure reliable performance during load simulations.

ACHIEVEMENTS

- Solved **400+ problems** on **LeetCode** with a strong focus on Data Structures and Algorithms.
- Completed **GfG 160: 160 Days of Problem Solving**  [Certificate](#)