

KULDEEP GAUD

+91-8887505270 ◇ Lucknow, India

kuldeepgaud.0810@gmail.com ◇ [linkedin.com/in/kuldeep-gaud](https://www.linkedin.com/in/kuldeep-gaud) ◇ hikuldeep.vercel.app

EDUCATION

Shri Ramswaroop Memorial College of Engineering and Management

2023 - Present

Master of Computer Applications

Lucknow, Uttar Pradesh

Dr. Rammanohar Lohia Avadh University

October 2020 - August 2023

Bachelor of Science (BSc) in Mathematics

Uttar Pradesh

TECHNICAL SKILLS

Languages: C/C++, JavaScript, TypeScript

Web Technologies: HTML, CSS, Bootstrap, Tailwind, MERN Stack (MongoDB, Express, React, Node.js), Next.js, PostgreSQL

Core CS: Data Structures and Algorithms, OOPs, DBMS

Tools: Git, GitHub, VS Code, Render, Postman, Docker, Prisma

PROJECTS

QuickLink

[GitHub](#) [Live](#)

A secure file-sharing platform that allows users to upload files and generate **QR codes** for quick access. It ensures **fast, encrypted transfers**, supports **scalable deployments**, and provides a seamless **sharing experience** across devices.

Technologies Used: **Express.js, React.js, TypeScript, Prisma, PostgreSQL, AWS EC2, Docker, Tailwind.**

Key Features:

- Developed an **automated CI/CD pipeline** with **Docker, Nginx, and GitHub Actions**, ensuring **99.9% uptime**.
- Integrated **AWS S3 cloud storage**, efficiently managing **5000+ uploaded files** with high availability.
- Ensured **end-to-end encryption** for **1000+ file transfers daily**, preventing unauthorized access.

Medium Clone

[GitHub](#) [Live](#)

A blogging platform utilizing **Cloudflare Workers** for serverless APIs, **Prisma ORM** for **PostgreSQL** database management, and **React** with **Tailwind CSS** for the frontend. Data validation is handled with **Zod**.

Technologies Used: **Cloudflare Workers, Prisma ORM, PostgreSQL, React, Tailwind CSS, Zod.**

Key Features:

- Managed **PostgreSQL** database with **Prisma ORM** for efficient data queries, improving performance by 30%.
- Built a serverless backend using **Cloudflare Workers**, supporting 1000+ concurrent users.

YourBook

[GitHub](#) [Live](#)

Cloud-based note management application built with the **MERN stack**, offering user authentication, CRUD operations, and a responsive UI using **Bootstrap**.

Technologies Used: **MERN Stack (MongoDB, Express.js, React, Node.js), MongoDB Atlas, Bootstrap.**

Key Features:

- Implemented user authentication with **MongoDB Atlas**, ensuring secure data management for 100+ users.
- Developed full **CRUD functionality**, allowing seamless management of 500+ user-generated notes.
- Designed a responsive UI with **Bootstrap**, enhancing usability across 3+ device types.

EXTRA CURRICULAR

- **IBM-certified** in **Introduction to Artificial Intelligence**, completing 40+ hours of AI coursework and hands-on projects, mastering key concepts in machine learning and data science.
- Led technical presentations in 50+ hackathons, demonstrating advanced problem-solving abilities, teamwork, and innovative solutions in high-pressure environments.
- Competed in **GeeksforGeeks CODE CLASH**, advancing to the final round out of 500+ participants, showcasing expertise in coding and algorithmic challenges.