

Krish Dua

Krish-dua.com | [LinkedIn](#) | [GitHub](#)

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FULL STACK ENGINEER

Computer Applications student and aspiring Full Stack Engineer with experience in building real-world web applications using the MERN stack. Skilled in frontend development with React and backend development with Node.js and Express. Familiar with databases, REST APIs, authentication, and cloud deployment. Eager to contribute to real-world projects

TECHNICAL SKILLS

Languages	: JavaScript, C , C++ , C# , Java
Frontend	: React.js, HTML5, CSS3, Tailwind CSS, Shadcn
Backend	: Node.js, Express.js, RESTful APIs, File Uploads, Rate Limiting
Databases	: Data modeling, MongoDB, PostgreSQL
Tools	: Visual Studio Code, Google Antigravity, Git, Github, Postman, Render, Cloudinary, Chrome DevTools

PROJECTS

<u>Connecticx</u>	<i>MongoDB, Express, React, Node.js, Zustand, Cloudinary, Git</i>	Source Code
<ul style="list-style-type: none">Built a full-stack social media platform using the MERN stack Deployed on RenderImplemented secure user authentication with bcrypt, protected routes, Rate Limiting and JWT Cookies.Developed core features including Feed, Explore, Likes, Comments, Follow/Unfollow, and User Profiles.Enabled real-time chat and notifications using WebSockets for instant user interaction.Designed and integrated post and reel upload functionality with Cloudinary media handling.Built a modern, responsive UI using React and ShadCN components .		
<u>StudyAI</u>	<i>MongoDB, Express, React, Node.js, Gemini API, Git</i>	Source Code
<ul style="list-style-type: none">Developed an AI-powered study assistant using the MERN stack with Google Gemini integration.Built AI-driven flashcards and an auto-generated MCQ mock test system based on prompt Enhancing RevisionImplemented AI-driven summarization and automated notes generation to create clear, structured study materials.Delivered as a collaborative college project using Git workflow and deployed on Render.		
<u>OS-Themed Portfolio</u>	<i>React, Tailwind CSS, Zustand, React-RND, Git</i>	Source Code
<ul style="list-style-type: none">Designed an interactive Windows-7-style desktop portfolio with clickable app icons.Implemented draggable, resizable, and stackable windows using React-RND with functional minimize, maximize, and close controls, and managed window state using Zustand.Built a dynamic taskbar and start menu system that manages open applications and window states.		

EDUCATION

Inderprastha Engineering College <i>Bachelor of Computer Application</i>	Ghaziabad, Uttar Pradesh 2026
Govt Boys Sr. Sec. School <i>Senior Secondary (CBSE) — Class XII</i>	Krishna Nagar, Delhi 2023
Biglows Public School <i>Secondary (CBSE) — Class X</i>	Krishna Nagar, Delhi 2021

HOBBIES

- Motorcycling, listening to music, and gaming
- Actively experimenting with hobby game development, focusing on gameplay mechanics, interactive environments, and game logic
- Understanding the inner workings of modern technologies