Krishna Dhoot

Adilabad, Telangana

📞 +91-8500612121 ✉ dhootkrishna123@gmail.com 🔗 LinkedIn ⬡ GitHub

Objective

Creative and driven software developer with experience in real-time systems, responsive UIs, and full-stack development using React, Node, Redis, and WebSockets. Eager to contribute to meaningful products while learning from seasoned teams.

Education

Chandigarh University, Mohali **2021 − 2025**
Bachelor of Engineering (B.E.) in Computer Science and Engineering with specialization in AI & ML
CGPA: **7.89** / 10

Experience

Next Blog - A full-stack Next.js blogging platform **04/25 - 07/25**
- Refactored dynamic route handlers to support advanced nested page resolution in Next.js
- Resolved a recursive hook bug causing infinite fetch loops when no published articles existed
- Developed a Quick Draft system with real-time status UI using React, Tailwind, and optimized builds via Vite + Bun

Projects

Redis - Optimized Chat Backend **01/24 − 02/25**
- Built a real-time chat backend with **Node.js**, **Express**, and **Socket.IO**, enabling fast bi-directional messaging.
- Integrated **Redis** for in-memory caching and **MongoDB** for persistence, reducing DB hits by 70%.
- Handled 1000+ concurrent socket connections with advanced cache invalidation strategies.

Ceptura **09/24 − 11/24**
- Developed a responsive web app using **ReactJS** and **Node.js** with seamless animations via **GSAP**.
- Connected frontend to a **MongoDB** database and deployed to **Vercel**.
- Optimized performance across devices and browsers.

Video Chat App **11/23 − 01/24**
- Built a peer-to-peer video chat platform using **WebRTC**, **ReactJS**, and **Socket.IO**.
- Enabled users to create virtual rooms with smooth media streaming and signaling.
- Backend built with **Node.js** for session and user management.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, GSAP
Backend: Node.js, Express.js, REST APIs, WebSockets, Socket.IO, JWT, Auth0
Databases: MongoDB, PostgreSQL, Redis, Firebase Firestore
Tools: Git, GitHub, VS Code, Postman, Google Colab, Figma, Canva
Platforms: Firebase, Netlify, Vercel, GitHub Actions

Certifications

Udemy Web Development

IBM Introduction to Data Science

Advanced Machine Learning on Google Cloud