

# KUMAR CHAUDHARY

TamilNadu, Coimbatore - 641001 | 📞 +91-7054080803 | ✉️ [chaudharykumar228@gmail.com](mailto:chaudharykumar228@gmail.com) |

🌐 [LinkedIn](#) | 🐙 [Github](#) | 🔗 [Leetcode](#) | 🔗 [HackerRank](#)

## SKILLS

**Programming :** Python, Java, JavaScript

**Frontend :** React.js, Next.js, Tailwind CSS, Bootstrap, HTML, CSS, JavaScript

**Backend :** Node.js, Express.js, RESTful APIs, JWT Authentication

**Databases :** MongoDB, PostgreSQL, MySQL

**Version Control & Tools :** Git, GitHub, Postman, Docker

## PROJECTS

### Smart Attendance System

October 2024 – November 2024

- **Technologies Used :** React.js, Node.js, Express, Python, OpenCV, MongoDB
- Built a real-time attendance system with face recognition using OpenCV and dlib, achieving 95% recognition accuracy and reducing manual attendance errors by 70%.
- Enhanced accuracy by 30% through optimized MongoDB storage and secured authentication with Clerk, reducing unauthorized access by 90%.
- Overcame challenges in integrating AI-based recognition with Node.js backend, ensuring 90% uptime.
- **GitHub:** <https://github.com/kumarchy/FullStack-Attendance-System>

### BuildUp

January 2025

- **Technologies Used :** React.js, Node.js, Express, Prisma, PostgreSQL
- Developed a project publishing platform where users can post project details with links and descriptions, integrating Prisma ORM with PostgreSQL for optimized database performance.
- Secured authentication for 100+ users using JWT tokenization, improving session management efficiency by 40%.
- Solved complex schema structuring and model relationships, reducing query response time by 30%.
- **GitHub:** <https://github.com/kumarchy/BuildUp>

### BloggerApp | [LINK](#)

October 2024

- **Technologies Used :** Next.js, Tailwind CSS, MongoDB
- Created a scalable blogging platform with Next.js, ensuring server-side and client-side rendering for 40% faster page load times.
- Solved data management challenges by integrating MongoDB, enabling seamless scalability for 200+ blog posts and user interactions.
- **GitHub:** <https://github.com/kumarchy/Blog-App>

### Food Delivery App | [LINK](#)

December 2024

- **Technologies Used :** React.js, Node.js, Express.js, MongoDB, Stripe
- Developed a food ordering platform where customers can browse menus, add items to cart, and pay online via Stripe.
- Implemented JWT token-based authentication while optimizing middleware and database integration, enhancing app performance and increasing database efficiency by 25%.
- Overcame deployment and component management challenges to ensure smooth functionality across multiple devices.
- **GitHub:** <https://github.com/kumarchy/Food-Delivery-App>

## INTERNSHIP

### Balmiki International School | Web Development Intern | [LINK](#)

July 2024 – August 2024

**Technologies Used:** React.js, Node.js, Express, MongoDB

- Developed a full-stack student portal, reducing administrative workload by 50% and enhancing accessibility for 500+ students and parents.
- Implemented JWT authentication, reducing unauthorized access attempts by 90% and improving session security.
- Designed and optimized RESTful APIs, reducing database query response time by 35%, improving API efficiency for 500+ users.
- Conducted API testing using Postman, identifying and fixing 20+ critical bugs, ensuring 90% uptime after deployment on Render.

## ACHIEVEMENTS

### Project Expo Participant – Water Puriflex | Veltech HighTech College of Engineering and Technology

- Selected from 100+ teams to present Water Puriflex, a project that improves water purification efficiency by 25%.

### LeetCode & HackerRank Achievements

- **LeetCode:** Solved 250+ problems, focusing on Dynamic Programming, Graphs, and Algorithms.
- **HackerRank:** Solved multiple coding challenges in SQL, and Data Structures, improving problem-solving skills

## EDUCATION

B Tech in Artificial Intelligence and Data Science

KPR Institute of Engineering and Technology, TamilNadu, Coimbatore

2022 - 2026