

CHANDRA HASA REDDY

FULL STACK DEVELOPER



CONTACT

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<https://github.com/Chandu-Collab>

SKILLS

Frontend Development:

- React.js, Next.js
- TypeScript, JavaScript
- HTML, CSS
- Responsive UI Design

Backend Development:

- Node.js, Express.js
- REST API Design
- JWT Authentication
- Role-Based Access Control
- Middleware and Request Validation

Database Management:

- PostgreSQL, MySQL
- MongoDB
- SQL Query Optimization
- Database Schema Design

Tools and Concepts:

- Git & Version Control
- MVC Architecture
- API Integration
- Error Handling & Debugging



PROFILE

Full Stack Developer with strong expertise in TypeScript, React, Node.js, and PostgreSQL, experienced in designing scalable REST APIs, implementing secure authentication systems, and building responsive frontend applications. Skilled in end-to-end system design, scalable API architecture, database optimization, and performance-focused application development.



WORK EXPERIENCE

Mantravat Infotech

2025 - PRESENT

Full Stack Developer

- Designed and developed scalable REST APIs using Node.js and Express.
- Implemented JWT-based authentication and role-based authorization.
- Designed relational schemas in PostgreSQL with optimized indexing.
- Reduced API response time by ~20-25% through SQL query optimization and indexing.
- Built responsive frontend interfaces using React and TypeScript.
- Implemented middleware-based request validation and centralized error handling.

Node8 Innovations

2024 - 2025

Full Stack Developer (Intern)

- Designed and managed Firestore database schemas with structured collections and sub-collections to support scalable data growth.
- Implemented secure authentication workflows using Firebase Authentication and role-based access control.
- Developed backend business logic to handle user data validation, CRUD operations, and real-time synchronization.
- Optimized database read/write operations to reduce latency and improve application responsiveness.
- Integrated backend services with frontend applications ensuring seamless API communication.



EDUCATION

Bachelor of Engineering

2021-2025

Electronics and Communication Engineering

GPA: 8.4/10