Kandoor Nithin Kumar Reddy

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EDUCATION

ANURAG UNIVERSITY
BTECH IN COMPUTER SCIENCE
Grad. June 2024 | CGPA : 8.41

SRI CHAITANYA JUNIOR COLLEGE
MATHEMATICS, PHYSICS, CHEMISTRY, ENGLISH
Grad. May 2020| Cum. Per : 93.8

NEW RISHI HIGH SCHOOL
MATHEMATICS, SCIENCE, ENGLISH, SOCIAL SCIENCE, HINDI
Grad. Apr 2018| CGPA : 8.5

LINKS

Github: **https://github.com/ngworks1909**
LinkedIn: **https://www.linkedin.com/in/k-nithin-kumar-reddy-847284205/**
Leetcode: **https://leetcode.com/u/Nithin_1909/**

SKILLS

PROGRAMMING
Languages :
• C, Python, Java
Frontend :
• HTML, CSS, JavaScript, React.js, React Native
Backend :
• Express.js, Node.js, MongoDB, MySql, Firebase, Typescript, PostreSQL, Prisma, Cloudflare, ThunderClient, Websockets, Redis(Caching, Pub/Subs, Rate Limitting)
Hybrid :
• Next.js, Turborepo
Operating Systems:
• Linux , Windows
Data Science :
• Pandas, Numpy, Beautiful Soup, Web Scraping, File Handling, SQL Queries, Data Loading and Cleaning, Exploratory Data Analysis, Outlier Handling, Feature Extraction and Scaling, Model Building

HOBBIES
• Listening to music
• Playing Cricket
• Cooking

EXPERIENCE

FIVLOG TECHNOLOGIES | FULL STACK DEVELOPER
June 2024 - Present | Hyderabad, Telangana

APP BACKEND | NODE.JS | EXPRESS.JS | TYPESCRIPT | FIREBASE | PRISMA | TURBOREPO | REDIS | MYSQL
• Built scalable RESTful APIs for user management and transactions, handling 10,000+ requests/second with consistent <150ms latency
• Designed and optimized database schemas using Prisma ORM and SQL, improving query efficiency by 30%.
• Implemented Redis-based rate limiting and caching, reducing database load by 40% and increasing API uptime.

SOCKET SERVER | NODE.JS | EXPRESS.JS | TYPESCRIPT | PRISMA | TURBOREPO | REDIS | SOCKET.IO | MYSQL

• Developed a WebSocket server using Socket.IO, Node.js, and TypeScript to enable real-time multiplayer functionality in games.
• Implemented room creation, player matchmaking, and game state synchronization for multiplayer Ludo and Cricket.
• Optimized gameplay event handling and synchronization, ensuring <100ms latency for smooth, engaging multiplayer experiences.

ADMIN PANEL | REACT.JS | VITE | TYPESCRIPT | TURBOREPO

• Developed an admin panel using Vite and React, allowing administrators to add, update, or remove games through a user-friendly interface
• Implemented user management features, including account management, permission control, and real-time activity monitoring

PERSONAL PROJECTS

GAMING APP | REACT NATIVE | NODE.JS | TYPESCRIPT | TURBOREPO | PRISMA | POSTGRES

• Gaming app using React Native and Expo, featuring multiplayer Ludo and Memory games with real-time gameplay.
• Implemented WebSocket communication for smooth, live interactions and built intuitive UI components for an engaging user experience.

TLRS (REAL-TIME) | NEXT.JS | PRISMA | TURBOREPO | NODE.JS | TYPESCRIPT | POSTGRESQL

• Our tailor services app allows users to easily track their tailoring orders with real-time updates on the status.
• Link : **https://tlrs.vercel.app/**

FRIEND SUGGESTIONS | EXCEL | PYTHON

• Developed a friend suggestion system using Python and Excel by analyzing user interests and connections to recommend potential friends based on similarity metrics.