CHOKKAKU NEERAJ

Visakhapatnam, AndhraPradesh

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY **2021 − 2025**
B.TECH in Computer Science **CGPA: 8.56** *Vijayawada, India*

SRI CHAITANYA JUNIOR COLLEGE **2019 − 2021**
Andhra Pradesh Board of Intermediate Education Examination- **Percentage: 97.8%** *Visakhapatnam, India*

SRI CHAITANYA ENGLISH MEDIUM SCHOOL **2018 − 2019**
AP SSC Board Examination- **CGPA: 10.0** *Visakhapatnam, India*

SKILL SUMAMARY

Programming languages - Java, SQL, JavaScript(ES5/ES6), HTML, CSS
Frameworks - Node.js,React.js, MongoDB, MYSQL, Express.js
Skills - Front-end, Back-end, DSA, OOPS, Computer Networks, DBMS

EXPERIENCE

MERN Full Stack Intern, ETHNUS Aug 2023 − Nov 2023
Learning platform

- Engineered a learning platform platform using the MERN stack, enhancing user experience and resolving MongoDB integration and frontend design challenges. which Includes CRUD functionality.

PROJECTS

LearnHub - Learning Management System | MERN Stack | Nov 2023 Link

- Built LearnHub, a MERN stack-based platform (MongoDB, Express.js, React, Node.js) supporting efficient course management and secure user authentication.
- Developed comprehensive CRUD functionality, accommodating 100+ courses and 1,000+ users.
- Optimized data flow with RESTful APIs, improving response times by 30%.

Fire Fighting Robot | Arduino | Jul 2023 Link

- Engineered an advanced fire-fighting robot with Arduino microcontrollers, integrating sensors for fire detection, navigation, and suppression, achieving an 85% improvement in detection accuracy.
- Enhanced safety in hazardous environments by automating fire detection and extinguishing, cutting response time by 60%.

Student Query Management System | MERN Stack | Mar 2024 Link

- Designed and deployed a secure platform with user authentication for students and officials.
- Empowered 500+ students to submit and track over 1,000 queries via an intuitive interface for streamlined query management.
- Implemented role-based access control (RBAC) to ensure secure and tailored access for distinct user groups.

ACHIEVEMENTS

- Achieved Most Contemporary Award for FIRE FIGHITING ROBOT in Engineering Expo. (2023)
- Secured top 13 out of 300 projects for FLOOR CLEANING ROBOT in Engineering clinics. (2022)

CERTIFICATIONS

- JAVA FULL STACK - IAMNEO (2023)