

R ANJANA NARAYAN

📍 Chennai, Tamil Nadu

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📅 Portfolio

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in [LinkedIn](#)

EDUCATION

BTech, Computer Science Engineering Indian Institute of Information Technology, Design & Manufacturing (Kancheepuram, Tamil Nadu)	Dec 2021 - Present CGPA: 8.69
Higher Secondary School Kola Perumal Chetty Vaishnav Senior Secondary School	2021 97.4%
High School Kola Perumal Chetty Vaishnav Senior Secondary School	2019 95.5%

PROJECTS

Vehicle parking management system

Developed a system for maintaining the record of vehicles in a parking lot which helps in reducing the manual time using Python and MySQL

IIITDM Alumni Portal

The IIITDM Alumni Portal is a dynamic web project using HTML, CSS, JavaScript, NodeJS, and MySQL, fostering connections between alumni and the students through an intuitive interface, interactive elements, event management, and secure database management.

Fire Detection using IoT

This MHRD sponsored project offers a sophisticated fire detection system with faster response time that combines IoT technology, graph algorithms, and hardware devices such as the ESP32 micro-controller and Raspberry Pi.

COURSEWORK

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| ▸ Data structures and Algorithm | ▸ Object Oriented Programming |
| ▸ Design and Analysis of Algorithms | ▸ Ethical Hacking |
| ▸ Introduction to IoT | ▸ Data Science |
| ▸ Computer Organization and Architecture | ▸ Data Base Systems |
| ▸ Computer Networks | ▸ Digital System Design |
| ▸ Operating Systems | ▸ Compiler Design |

SKILLS

Programming languages known: C, C++, Python, MySQL, HTML, CSS, JavaScript

Software: AutoCAD, MASM, Logisim Evolution, CISCO Packet Tracer

Technical skills: Machine learning, Ethical hacking, IoT

PERSONAL SKILLS

- Attentive listener and effective oral communication skills.
- Possesses great analytical and problem-solving skills. Ability to think rationally and thoughtfully.
- A team player, good at working collaboratively with people in order to achieve a common goal.
- Has the capability to guide teams and steer the team members toward the achievement of goals.

EXTRA-CURRICULAR ACTIVITIES

- Black belt holder in Karate and a national karateka.
- Participated in the basketball competition in the year 2021.
- Coordinator of Quiriosity club, IIITDM.
- Join Core of Competitive Programming team of CS Club, IIITDM.
- Core of Tamil Saalaram, cultural club of IIITDM.
- Co-lead of Hospitality team of Vashisht 2023, technical fest of IIITDM

ACHIEVEMENTS

Best Student Award, Kola Perumal Chetty Vaishnav Senior Secondary School	2019
Power performer, Clash of Pi	2018

HOBBIES

Badminton

Basketball

Music

Movie