

NISHANTH KUNDURU

Portfolio: nishanthreddy.vercel.app

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SKILLS SUMMARY

- **Languages:** **Java**, Python, **JavaScript (ES5/ES6)**, HTML, **JSON**, CSS and PHP
- **FrameWorks:** **React.js**, Node.js, **MongoDB**, MySQL, Express.js
- **Tools:** **Git**,Linux,GCP
- **Skills:** **Front-end**, Back-end, **DSA**, OOPS, Computer **Networks**, Operating Systems

PROJECTS

- **Round-Robin (Front-end,Back-end) (link) (user base of 150+)** Nov 2023
 - Enabled students to schedule tasks with the **Academic Timetable** Feature, reducing **10%** of student time.
 - Enhanced page loading **efficiency** by **20%**.
 - **Tech:** **React.js**, Tailwind **CSS**, SCSS, **Express.js**, **MongoDB**, **Node.js**, HTML, Git.
- **Brain Tumour Detection(link)** Jul 2023
 - Achieved **98.7%** accuracy in **analysing** brain images for **glioma**, **meningioma**, and pituitary tumours.
 - **Analysed three** parts of the brain using **Deep Learning** techniques.
 - **Tech:** Python, Deep Learning
- **Factoo (ML,Python) (link)** Aug 2022
 - **Programmed to detect** fake news on **social media** with an accuracy of **99.7%**.
 - **Tech:** Python, HTML, Git.
- **VTD (DeepLearning,Python)** Aug 2022
 - Engineered an **AI-powered DeepFace** Detection system for car monitoring, achieving **93.3% facial recognition accuracy** and **99% vehicle integration efficiency**.
 - Selected as **Best Innovative Project** among 100 teams.
 - **Tech:** Python, Raspberry Pi, GPS **Sensor**, Buzzer.
- **Voice Your Inbox (raspberrypi,Python):** Dec 2021
 - **Automated** mail reading capabilities using a **Raspberry Pi 4** device.
 - **Engineered** the process with **Linux-based** software and deployed it in over **five** major languages.
 - **Tech:** Raspberry Pi, Python.

EXPERIENCE

Software Developer - Intern - Ethnus - Mern Stack

Sept 2023 - Nov 2023

Remote,India

- **Developed** a task scheduling app with full **CRUD** operations and a unique user interface, reducing network **HTTP** query time by **50%** and increasing site efficiency by **120%**.
- **Deployed** 37 tasks during the internship, **achieving an efficiency rate of over 95%**.
- **Tech:** **React.js**, Express.js, Node.js, MongoDB, **Tailwind CSS**.

ACHIEVEMENTS

- Finalist of **VTAPP Tech Fest** on **Web Apps IIC** among 60 teams (React.js, Node.js, MongoDB) Jan 2023
- **VTAPP (VIT)** Winner of **IEEE & Edvenswa** Save Techna from Peril (HTML, CSS, JS, Java) Dec 2022

EDUCATION

- **Vellore Institute of Technology (VIT), Amaravati** Andhra pradesh, India
Bachelor's in Computer Science - Data Structures and Algorithms (CGPA 8.79) Aug 2021 - present
- **Bhashyam junior college** Andhra pradesh, India
Andhra Pradesh Board of Intermediate Education Examination(Percentage 95.4%) Jun 2019 - May2021
- **Dr.KKR Gowtham School** Andhra pradesh, India
AP SSC Board Examination (CGPA 9.5) Jun 2018 -Aprl 2019