

# NISHANTH KUNDURU

Portfolio: [nishanthreddy.vercel.app](https://nishanthreddy.vercel.app)

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## SKILLS SUMMARY

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

## PROJECTS

- **NotATwitter(Frontend,Backend) (link) (user base of 150+)** *Feb 2025*
  - Integrated GPT wrapper to create a social media platform ensuring 100% response rates from personas.
  - Enhanced page loading **efficiency** by **20%**.
  - Tech: React.js, Express.js, MongoDB, Node.js, HTML,CSS,Git.
- **PingApply(Web Extension,Javascript)(link) (Impressions 3,000+)** *Nov 2024*
  - **Automated** job applications on the VIT CDC portal with a one-click feature, achieving over 3,000 impressions and improving user **efficiency** by **40%**.
  - Tech: Javascript,HTML,CSS.
- **Brain Tumor Detection(link)** *Jul 2023*
  - Achieved **98.7%** accuracy in **analyzing** brain images for **glioma**, **meningioma**, and pituitary tumors.
  - **Analyzed three** parts of the brain using **Deep Learning** techniques.
  - Tech: Python, Deep Learning.
- **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 the Best Innovative Project among 100 teams.
  - Tech: Python, Raspberry Pi, GPS Sensor, Buzzer.

## EXPERIENCE

**Software Developer Intern — TotalHealthX (US-based Startup) |** *Mar 2025 – Present*

*Remote,India*

- **Developed** a cross-platform mobile app using React Native to track patient health metrics (blood sugar, blood pressure, cholesterol, weight), **improving patient engagement by 30%** through real-time data updates and **push notifications**.
- **Integrated** interactive health dashboards with charts and graphs (React Native Chart Kit) and automated **background data syncing**, leading to a **25% increase in user retention** by enhancing the mobile app's performance and **user experience**.
- **Tech:** ReactNative, **React.js**, Express.js, Node.js, MongoDB,**Firebase**, **Azure Datalake**, **APN's**.

## 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 8.84)* *Aug 2021 - May 2025*
- **Bhashyam junior college** *Andhra Pradesh,India*  
*Andhra Pradesh Board of Intermediate Education Examination(Percentage 95.4%)* *Jun 2019 - May 2021*
- **Dr.KKR Gowtham School** *Andhra Pradesh, India*  
*AP SSC Board Examination (CGPA 9.5)* *Jun 2018 -April 2019*