VIGNESH NUKALA

Pursuing Computer Science and Engineering
Bachelor of Technology
G Pullaiah College Of Engineering and Technology

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EDUCATION

- **Bachelor of Technology in Computer and Engineering IOT**
  G Pullaiah College of Engineering and Technology

  2021-2025
  CGPA-8.54

- **Intermediate Board Of Education,Telangana**
  Sri abhidha college,medhipatnam,hyderabad

  2019-2021
  percentage: 96.2

- **CBSE,Andhra Pradesh**
  Prachin Global School,patancheru,hyderabad

  2017-2019
  percentage: 81

PROJECTS

- *Smart Pot :*

  The Self-Watering Smart Pot is an intelligent plant monitoring and irrigation system designed to automate plant care. The system uses an Arduino Uno board to monitor soil moisture levels, ambient temperature, and humidity, providing real-time data to an IoT dashboard. When the soil moisture drops below a threshold, the system automatically activates a water pump to irrigate the plant, ensuring optimal growth conditions.

  – **Technology Used :** IOT, Arduino Uno, Arduino IDE and Soil Moisture, Temperature, Humidity Sensors

- *Portifolio Website :*

  The Portfolio Website showcases your Professional work, projects and Skills. It serves as a personal landing page where potential clients or employers can view your projects, contact information, and other relevant details. The site is designed to be visually appealing and easy to navigate, highlighting your achievements and expertise.

  – **Technology Used :** html 5, CSS, JavaScript, React.js
  – **Link :** https://projectportfoli.ccbp.tech/

- *Tweets API (API clone - Twitter) :*

  Developed a Twitter backend API application with Node.js and Express, implementing OAuth authentication for secure data access and also Utilized SQLite for efficient tweets, data storage and retrieval, enabling search and filtering features.

  – **Technology Used :** Node.js, Express.js, SQLite.

- *Nxt Trendz (E-Commerce Clone -Amazon, Flipkart) :*

  Rolled out an innovative e-commerce platform patterned after Amazon and Flipkart. Designed pages for Login, Products and Product details with React Router and React components. Ensured user security through JWT tokens, REST API calls and local storage.

  – **Technology Used :** React.js, CSS, Routing, REST API calls, Local Storage, JWT Token, Authorization, Authentication.
  – **Link :** https://shoppyease.ccbp.tech/login

SKILLS

Frontend	: HTML, CSS, Bootstrap, JavaScript, React.js
Backend	: Python, Express.js, Node.js
Database	: SQLite
Web Dev Tools	: VScode, Git, Github
Areas of Interest	: Full stack, Internet Of Things
Other Skills	: Data Structures and Algorithms, IOT

CERTIFICATIONS AND TRAININGS

Smart Interviews : Certified as a good Data Structures and Algorithms solver using Python
Nxt Wave : CCBP 4.0 Technologies (Full Stack Development MERN Stack)

ACHIEVEMENTS

Runner up in GDSC group based Hackathon on a total participation of 30 groups

Winner in Tech Xplore Hackathon on Web Development among 50 student participant