Vankayalapati Amarnath

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Career Objective

To establish a career as an engineer in a dynamic and progressive organization where my skills can contribute to the company's goals and achievements, as well as my own personal and professional growth.

Academic Qualification

Bachelor of Technology (B.Tech) *Aug 2022 – Present*
Vignan University, Guntur
Status: **Pursuing**

Intermediate (10+2) *June 2020 – May 2022*
Bhashyam Junior College, Guntur
Percentage: **89.2%**

Schooling (10th) *2020*
Kendriya Vidyalaya, Guntur
Percentage: **68.6%**

Technical Skills

Languages: Python, Java, SQL, JavaScript
Web Development: HTML, CSS, React.js, Express.js
Database: MySQL, MongoDB
Tools: GitHub, Power BI, Zoho
ML Tools: Machine Learning, TensorFlow, Matlab

Projects

Food Ordering System (MERN Stack)
Developed a comprehensive food delivery platform utilizing MongoDB for data storage, Express.js for server-side logic, React for the user interface, and Node.js for backend operations, ensuring a seamless experience for customers to browse menus, place orders, and track deliveries in real time.

Breast Cancer Detection using ML
Breast cancer detection using histopathological images involves analyzing tissue samples under a microscope to identify cancerous cells. These images provide cellular-level insights and are considered the gold standard for cancer diagnosis. Leveraging AI and deep learning techniques on these images significantly improves diagnostic accuracy, efficiency, and reproducibility.

Arogya Health Care Diagnosis (MERN Stack)
Designed and developed a full-stack health diagnosis platform using MERN (MongoDB, Express, React, Node.js). The project leverages the MERN stack (MongoDB, Express.js, React.js, and Node.js) to provide a scalable, efficient, and responsive healthcare platform for both patients and medical staff.

Personal Traits (Strengths)

- Quick Learner, Self-Motivated
- Strong Communication & Leadership
- Time Management and Adaptability

Area of Interest

I am deeply interested in working with Machine Learning techniques applied to advanced Computer Vision tasks such as object detection and other deep learning-based algorithms. I am committed to giving 100% in Web Development and am passionate about solving real-world problems using AI and ML solutions.

Goals

Short-term: Gain real-world experience in AI or Web Development roles.
Long-term: Become a leading expert in intelligent systems and contribute to large-scale innovations.

Achievements

- PET (Preliminary English Test) Certificate conducted by Cambridge University with a score of 140+.
- Received a Taekwondo certificate at the university level.

Place: Guntur
Date: 15-7-25

SIGNATURE