# NIKHITHA SRI TODETI

Vijayawada, India
nikhithasri.t7891@gmail.com linkedin.com/in/nikhitha-sri-8b7820217

## Education

**Lakireddy Bali Reddy College of Engineering** **June 2019 – May 2023**

*Bachelor of Technology in Information Technology, CGPA: 3.33 / 4.0* *Mylavaram, India*

- **Academic Coursework**: Data Structures, OOPs through Java, Operating System Principles, Digital logic Design, Data Base Management Systems, Web Technologies, Computer Architecture, Discrete Mathematical Structures, Python Programming, Object Oriented Analysis and Design, Data Communications and Computer Networks , Design and Analysis Of Algorithms, Software Engineering, Artificial Intelligence, Real Time Operating Systems, Information Security, Data Mining and Data Warehousing, Automata Theory and Complier Design, Object Oriented Software Engineering, Network Programming, Big Data Analytics, Internet Of Things, Cloud Computing, Design Patterns.

## Technical Skills

**Programming Languages**: R, Python, C, Java Programming
**Web Technologies**: HTML, CSS, JavaScript
**Databases**: MySQL, SQL Server, Hana Studio (SAP)
**Cloud Technologies**: AWS
**Software**: SAP BASIS

## Experience

**Accenture** **June 2023- Present**

*Packaged App Development Associate* *Mumbai, India*

- I am employed by Dupont as a client and am undergoing training in the SAP BASIS stream. Dupont has three subprojects: CFIN (Central Finance), Derby, Inge, I work at CFIN.
- My responsibility is to monitor the systems. For example, we have Sandbox, Development, Quality, and Production systems in SAP GUI and SAP Hana Studio. If any flaws or problems are discovered in the systems, we must notify the leads, who will then instruct us on how to fix the problem.
- Ensuring the stability, security, and performance of SAP systems is my primary responsibility.
- I attend numerous KT sessions every day as a novice.

## Projects

**RASPBERRY PI WIFI WIRELESS SMART ROBOT CAR FOR LIVE INSPECTION AND TRACKING WITH 4- DOF ROBOTIC ARM AND OPENCV TARGET TRACKING** **March 2023**

- A mechanical robot with the ability to do live inspections is a particular kind of robot created with mechanical systems and sensors for the purpose of inspecting and analyzing the environment. These robots can conduct live inspection duties in real-time because of the variety of sensors, cameras, and other tools they are outfitted with. Moreover, these robots have mechanical arms that enable them to carry out physical activities.
- By using these robots, inspection and maintenance staff won't have to spend as much time performing repetitive jobs or working in dangerous conditions, which will increase efficiency and safety. Overall, the usage of mechanical robots with live inspection capabilities is spreading in many industries and offers a number of advantages, such as increased accuracy, efficiency, and safety.
- This project abstracts the complexity of wireless communication, robotics, and computer vision, offering an accessible solution for users looking to perform live inspection and tracking tasks in a range of settings. The Raspberry Pi WIFI Wireless Smart Robot Car with 4-DOF Robotic Arm and OpenCV Target Tracking offers the potential for improved efficiency, accuracy, and safety in a range of industries, including manufacturing, security, and exploration.

**CARTOONIFY AN IMAGE WITH OPENCV IN PYTHON** **August 202**

- Built a python application that will transform an image into its cartoon using OpenCV library. In this project we used OpenCV which is a cross platform library used for computer vision. Modules imported in this project are CV2 to use OpenCV for image processing, easy GUI to open a file box and to select a file, NumPy to deal with arrays, image io to read the file chosen by file box, Matplotlib to form the plot of the images, OS to read the path save images to that path.
- The main steps involved in this project are importing required modules, building a file box to choose a particular file, image storing, transforming an image to gray scale, preparing mask image, giving cartoon effect. This project will help us to make animation of images and to get detailed picture of OpenCV library.

**Deep Learning Based Fine Grained Weather Forecasting Model** **April 2022**

- Analyzed time-series weather data using advanced deep learning models, LSTM and TCN, to predict future weather patterns.Compared the performance of these models to traditional machine learning and statistical forecasting methods to evaluate their effectiveness.