




Venkata Sai Tanishq Nalloju

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 tanishqnalloju.github.io/

Profile

I'm a developer and enthusiast who loves to work on new technology and tools. I love challenges, curious, and versatile. I'm good at handling critical problems and solving them in a fast-paced environment.

Education



K L University, Computer Science and Engineering

2017 – present

Artificial Intelligence Specialization

GPA : 8.87

Certifications

- BTA Certified Blockchain Solution Architect 
- Certified DevOps Generalist (DevOps-GEN™) 

Volunteer Experience

KL GLUG, Open Source Developer

2019 – present

Worked on multiple projects using only open source tools for in house applications.

K L University, Peer Tutor

2018 – present

Helped peers and juniors in competitive programming using C++ and STL.

Software Engineering Associates,

Lead for Emerging Technologies

2018 – present

Introduced new technologies and tools in the club. Led and architected projects.

MOOCs


Introduction to Computer Vision with Watson and OpenCV, IBM 

Convolutional Neural Networks, deeplearning.ai 

Python Project: pillow, tesseract, and opencv, University of Michigan 

Natural Language Processing in TensorFlow, deeplearning.ai 

Hadoop Platform and Application Framework, University of California San Diego 

Embedded Hardware and Operating Systems, EIT Digital 

Projects

Ticketing System for academic infrastructure

Ticket filing system for raising problems with infrastructure in an university.

Automobile Customer Service using AI agent

A smart chat bot to analyze automobile problems and help service centers to deliver the right product at the right time.

LinkedIn Strength Analyzer

Analyzes a person's LinkedIn strength using scraping techniques that evaluate on wide metrics like followers and more.

Result Scraper

A python exam result scraper using Selenium framework to scrape across wide range of pages of a single website.

Hostel Management System

A cross platform project to manage rooms within multiple campuses with ease. Developed using PySimpleGUI framework.

Lab entry book using RFID

A logging tool for students to enter login details in labs prior to using them. Developed using Flask and RFID integration with API's.

Yoga App

An android application to view multiple yoga positions. Detailed poses with pictures of pose, benefits and time duration.

Pollution prediction using CNN

A deep learning project to predict pollution rate using a time series data. Uses CNN's and regression at the core for unsupervised training.

Automobile price prediction

A machine learning project to predict automobile prices from a Kaggle dataset. Uses Random Forest for classification at it's core.

Skills

Proficient (Python, C++, Java, API development)

Familiar (HTML, CSS, Julia, Swift, Rust, WASM, NodeJS)

Database (MySQL, SQLite, MongoDB, Neo4j)

Frameworks (Flask, Django, Selenium, PySimpleGUI, Hadoop, Maven, Flutter, Rocket)

Platforms (*nix, Windows, WSL, Docker, Vagrant)