Alapati Lakshmi Viswanath

Full Stack Developer | NCC(Army)

To evolve into a capable professional by being associated with a company that will challenge me to push my boundaries and allow me to use my education and skills in a way that is mutually beneficial for my employer and me to achieve a sustainable growth in life.

Contact

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Github
https://github.com/ViswaDecoders

Website
https://viswadecoders.github.io/

Education

2019 - Present
B.Tech - CSE: CPS (cyber physical system)
Vellore institute of Technology, Chennai

2018
Higher Secondary
Kendriya Vidyalaya, Kannur, KL

2016
High School
Kendriya Vidyalaya, Porbandar, GJ

Skills

Python   Django   Flask

MySQL   MongoDB   React Native

APIs Handling   React Native

DSA   HTML   Javascript

CSS   Node Js   ML

Publications

Developed an efficient arrangement of electromagnet for wall climbing robot which is going to be published soon as journal article in JRC (Journal of Robotics and Control).

Language

English, Hindi, Telugu

Work History/Projects

Feb 2022 - Jun 2022
Sociommerce: Full Stack Development
- A complete workable development using Django, React native and MySQL
- Hosted in Amazon AWS cloud and released accessible APK file.

Jul 2021 - Dec 2021
Crop Yield Rate Analysis
- The primary aim is to analyze how each state's water quality affects the crop yield
- Analyzed the relationship between the yields of crops based on the contaminants present in the water in each state
- Models used: Linear and Multilinear Regression, Random Forest, Neural Network

Apr 2021 - Jun 2021
KISB – a Linux Based Shell
- Supports command-line editing, History, Tab-Completion, Piping, I/O Redirection and customization in the C language
- Additional Features of arithmetic evaluation on the command-line interface like Python IDLE
- It provides the least memory utilization than the other existing shells
- More User customization of well-picked font colours.

Mar 2021 - May 2021
Assistant ChatBot: Natural Language Processing
- Developed a retrieval-based ChatBot using python by pre-processing data using NLTK Toolkit
- Mostly enhanced for the purpose to drive the customers and understand the customer values
- Created a 3-layered deep Neural Network based on data
- Attractive UI is made to display the features.

Sep 2019 - Nov 2019
Seven Seas Shipping
- Cargo shipping DBMS to support addition, deletion, update, sorting, searching, and viewing of data
- Java as a front-end and MongoDB as the back-end to provide the data in Real-Time
- MongoDB server is connected to Java Environment using MongoDB respective packages.

Experience

May 2022 - Current
Python Developer Intern
IndZone Tech Pvt. Ltd.
- Django, Jinja, HTML, CSS, and Js.
- Coordinated project tasks among multiple departments.
- Wrote clear, clean code for the project.

June 2021 - July 2021
Networking Intern
Netcamp Solutions Pvt. Ltd.
- Real-life situation-based server setup.
- DNS, Web, DHCP, Mail, File server, NFS, Disk partitioning, quota management and firewall.