



Deepak Avudiappan

Python Developer Fresher

I'm a Computer Science graduate, and I have explored many domains such as Cloud computing, Chatbot development, Web Application Development, Web Scraping, Machine learning, Data Science, API development and a little of Networking & DevOps. I would like to be in knowledge-driven organization to learn and contribute,

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EDUCATION

B.Sc. in Computer Science

University of Mumbai

07/2018 - 06/2021

8.43 CGPA

Projects

- Recursive DNS Sinkhole in Raspberry pi home server
- COVID-19 Prediction Telegram Chatbot

Senior High School - HSC board

IIT Campus School

07/2014 - 06/2016

School - CBSE board

Kendriya Vidyalaya

07/2004 - 06/2014

PERSONAL PROJECTS

Skin Tumor Prediction — Chatbot

- A friendly WhatsApp Conversation chatbot that distinguishes between benign and malignant tumors on the bases of Image.
- Provides nearby Cancer specialists addresses when given the Pin code.

Fish on Wheels (e-commerce website)

- A webapp developed for a client (local fish vendor) using Django, Heroku PostgreSQL database and hosted on PythonAnywhere.com

WORK EXPERIENCE

Chat-bot Developer (Remote Internship)

e-Yantra, IIT Bombay

06/2021 - 07/2021

Mumbai

e-Yantra is a robotics outreach program funded by the Ministry of Education and hosted at IIT Bombay.

Achievements/Tasks

- Design & Develop resource server and resource manager for RASA NLU Chat-bot for dynamic data.
- Technologies used: RASA NLU, TensorFlow, Latex, Heroku PostgreSQL, Python, FAST API, Postman, Google API for YouTube, AWS cost calculator, Mockoon, Hetzner Cloud, Docker, Kubernetes. RASA X, Git, Streamlit. Custom PostgreSQL ORM.

SKILLS

Python JavaScript HTML5 & CSS OOPS

PostgreSQL MongoDB Redis MySQL Flask

RASA nlu Django PyQt 5 ORM Scikit-Learn

TensorFlow RESTful API FAST API HTTP API

AWS GCP Git Bash Script Linux Docker

Chat Bot Web Scraping Distributed Systems

Data Structure & Algorithms IoT JAVA C++

SOC

ACHIEVEMENTS

Outstanding student of NES Ratnam College (06/2020 - 04/2021)

Deploying project and installing Anaconda on Amazon EC2 [for Windows] (12/2020 - 12/2020)

CERTIFICATES

Docker for the Absolute Beginner -KodeKloud

Building Modern Python Applications on AWS -Coursera

Deep Learning & Computer Vision A-Z

Machine Learning A-Z (10/2019 - 09/2020)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

STRENGTHS

Oral and Written Communication Team Building

Reliable and Consistent Goal Achieving Attitude

Committed to Lifelong learning Hands-on Technical