

SUMMARY

A Passionate Computer Science Undergraduate with extensive knowledge of Python.
Fluent in many Python frameworks like Django, FastAPI, Pandas and Matplotlib.
Working Experience with REST APIs.
Knowledge of PostgreSQL and MongoDB.

EMPLOYMENT

THE ONE WORLD

Back End Developer

Migrating the Back End from AWS Amplify to FastAPI and PostgreSQL.
Created A PostgreSQL function to find shops within a specific radius by using the Haversine Formula.

Remote
Apr. 2022 to ~~Current~~
September 2022

SKILLS

PROGRAMMING LANGUAGES

Python, C++, JavaScript

FRAMEWORKS

Django, Flask, FastAPI, Matplotlib, Pandas, Selenium, Numpy

DATABASES

PostgreSQL, MongoDB

TOOLS

Git, Linux, NeoVim, VSCode, PyCharm

HUMAN LANGUAGES

Fluent in English and Hindi

TRIVIA

Types at 80wpm, Badminton Player, Avid Reader

PROJECTS

CUCUMIA BACKEND | PYTHON, FASTAPI, POSTGRESQL

- Created A PostgreSQL function to find shops within a specific radius by using the Haversine Formula.
- Migrating the Back End from AWS Amplify to FastAPI and PostgreSQL.

PYTHON ON THE GO | PYTHON, TWILIO API

- A Python Interpreter running inside a Whatsapp Chat.
- You would send the code, and the bot would reply with back with the output.

WHATSAPP BOT | PYTHON, SELENIUM

- A Whatsapp Bot that could schedule messages, spam messages or do anything else that you could think of.
- It is Possible to run it headless so that it can even run on linux servers where there is no desktop environment.

PASTEBIN | PYTHON, DJANGO

- Backend for a Pastebin like service written in Django.
- The focus was on simplicity, To show just how easily and quickly one can create a web-app using Django.

TWITTER BOT | PYTHON, SELENIUM

- A Twitter bot written in python that posts tweets using the Selenium Webdriver.
- It is Possible to import the script as a module.

CORONAVIRUS BOT FOR WHATSAPP | PYTHON, TWILIO API, MATPLOTLIB, PANDAS

- A Python Bot that would scrape the "Ministry of Health And Family Welfare" Website every hour and look for COVID19 updates and save the updates in a csv file.
- If updates are found then it loads the csv file and creates a graph using matplotlib and saves it to the disk. When the user asks for updates it sends the most recent graph.

EDUCATION

Amity University

B. Tech Computer Science and Engineering 2025

2021 to Current