Harish **Thakur**

Back-end Software Engineer

☐ (+91) 62845-14878 | ✉ harishthakur4455@gmail.com | 🏠 www.harish445.com | ⬛ harish445 | in harish-thakur4455

Summary

Self-motivated and passionate individual moving from Design field to Tech world, specializing in Back-end development . Proficient in python with intuitive problem-solving skills and ability to perform well in a team. with design knowledge and technical skills I am a mixture of creativity and logical thinking, seeking an internship where I can contribute my knowledge and aim to polish my skills with amazing people of your company.

Skills

Languages	Python . Javascript . SQL . HTML5 . CSS3 . Node.js
Technologies	Django . DjangoRestFramework . Github . Bootstrap . React . Postman
Cloud and Database	AWS, Heroku, Postgresql, Mongodb

Personal Projects

Chat App *Django Channels, Web Scokets, Redis, ASGI Server*

- Build a realtime chat room application using Django channels, Redis as a channel layer, ASGI server and web sockets.
- Implemented Web sockets using ASGI server for bidirectional communication between server and client.
- Used Redis as a channel layer on the backend to broadcast and send messages to channels and make async interface.
- Make consumers asynchronous to allow server and client run independently to enhance performance and response by reducing thread task.

Web Scrapper *Django,Requests,BeautifulSoup,html*

- Implemented Web Scrapper to scrape weather data, date, time and day from google web page.
- To appear scraper to be a real browser, used request headers and set USER_AGENT and language to get data without getting blocked.
- Use requests library to get the html content from url and bs4 package to scrape information from content and searching parser tree.

Social Website *Django, Postgresql, AWS, Heroku Postman, HTML/CSS, DjangoRestFramework*

- Build a social website where developers can connect and share their projects, experience and showcase their skills.
- Made separate apps for users and projects, adding Authentication and authorization, forgot password and email functionality.
- Delivered REST API using RestFramework and Implemented JSON web token authentication for security and prevent access to restricted end-points and unauthorized users.
- Search feature, messages, pagination and CRUD operations.
- Used Postgresql as database, AWS as cloud service and Heroku to host website.

Open-Source

100LinesOfCode *see commit*

- A repo for beginners, Contribute 'URL Shortener' a python project which is less than 100 lines of code and add readme on how to run script.

FLAML *see commit*

- A Fast Library for Automated Machine Learning and Tuning. Fixed indentation which was appear inconsistent and not formatted.

Course Experience

M001-MongoDB Basics(MongoDB University) *March-2021*

- Analyzed data of given restaurants of more than 25000 documents about their addresses, cuisines, name and grades and updating accordingly.
- Use Aggregation framework to do advanced queries and perform CRUD operations.

ND256-Nanodegree Program in Data Structures and Algorithm(Udacity) *March-2021*

- Solved a series of real-world open ended problems like Route Planner, HttpRequest routing in web server and sorting algorithms.

CodeCademy (Certified in advanced Python3 and completed Back-end Engineer SkillPath.) *Feb-2022*

Education

- **LPU (Lovely Professional University)** *Punjab, India*
  Bachelor Of Design *April 2016 - July 2020*