

Sahil Saini Salaria

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GitHub



WORK EXPERIENCE

Backend Engineer - Intern - FOLK Developers (Nov'20 - Ongoing)

- Worked on Backend Development with Python and Google Cloud Platform and its tools such as Firebase, Cloud Functions.
- Built Serverless RESTful APIs with Cloud Functions, Firestore and Flask
- Deployed different Microservices on Google App Engine
- Created GCP Pub/Sub topics for sending notifications to the subscribers.
- Created Cloud functions using different triggers such as HTTP, Firestore, Firebase Authentication, Pub/Sub
- Tested API endpoints using Postman, Requests Library and Cloud Function testing
- Developed the sign-up and login system that authenticates user using Firebase Authentication

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering

Manipal Institute of Technology, Manipal – 2018 - 2022 – CGPA: 8.30/10

Senior Secondary (XII), Science

Shiksha Niketan Higher Secondary, Jammu – Year of completion: 2018 – Percentage: 93.00%

PROJECTS

Geocoding and Distance Measurement with GeoPy: Used GeoPy to retrieve a user's location and identify the user's nearby centers from a database and assign the center so that it can be reflected in the profile.

Routing System Used Smopy, Networkx and GeoPy to develop a routing system that returns a route from given source and destination. Also used Google Maps JavaScript API to pinpoint current location in Google Maps.

Personal Voice Assistant Implemented a voice assistant that can open up an application, search Google, Wikipedia and YouTube about the given query, solve mathematical problems, etc

Web Scraper: Developed a Web Scraper using Python to scrape the reviews of a product from some commercial website. Stored that data using MongoDB and then displayed using Flask.

Covid-19 Worldwide Data Built Covid Statistics website using Django that uses Rapid API to retrieve the live data.

Boston Housing Price Prediction: Applied Data-preprocessing, Data Visualization and Machine Learning techniques to create a Linear Regression model to predict the house prices in Boston, Massachusetts.

Finland Labs and IIT Roorkee - ML & AI Using Covid 19 Virus Data Analysis Workshop: Applied Data Pre-processing, Visualization and Machine Learning techniques to make the predictions how the cases will increase/decrease in the country.

COURSES

Machine Learning using Python Online-Project-based-course - Skyfi Labs

Data Analysis and Data Visualization - Ineuron

Python Programming - Ineuron

Accessing web Data using Python - Coursera

Google Crash Course on Python - Coursera

Python by University of Michigan - Coursera

SKILLS

Programming Languages: Fluent in C/C++, Python

Web Development :- HTML, CSS, JavaScript, JQuery, React, Django and Flask

Data Pre-processing and Data Analysis : Pandas, Numpy, Matplotlib, Seaborn

Database Management Systems : Oracle SQL, Firestore, MongoDB

Familiar with : Java, SQL, LaTeX, Linux Shell Scripting

LEADERSHIP/INVOLVEMENT

-Vice-Captain of college athletics team and member of organising team of the Manipal Marathon.

-Awarded with Best Athlete Award in Revels'19, the National Cultural and Sports Fest of MIT. Won many other medals in Athletics.

-PMSSS, AICTE scholarship holder for graduation.