Varun Singh

Contact No: +91-8109055354
E-mail: varunsingh2610@gmail.com
GitHub: https://github.com/varunsingh2610

TECHNICAL PROFILE

Languages	:	Python, JavaScript, SQL, C
Framework/Modules	:	Pandas, Numpy, Django,

PROFESSIONAL EXPERIENCE

March 2019 to Present – Infibeam Avenues

Projects

1. <u>Bank Data Management</u>

- Automatic downloading and RBI Bank's data transformation by Web App.
- Drastically reduced the real time data of web server's performance.
- Working with web socket (Channel 2) for real-time data availability.
- Rest APIs to display all transformed data in a Datatable.

2. <u>File/Data Processing</u>

- Transformation of the data that we get in different filetypes.
- Cleaning the data by having the desired features and labels
- Prepared the front end in JavaScript and PHP with the file handling

3. <u>DB and Server Space Monitoring</u>

- Created a web app to check running procedures through query execution on all DB servers and representation of all on it.
- Used SNMP modules to get server's physical memory information to help to identify if the any of the server space is getting exhausted.

Nov 2016 to Feb 2019 – OXENET, India

Roles & Responsibilities:

- Designed the Web application Using Python on Django Web Framework pattern to make it extensible and flexible.
- Used data structures like directories, tuples, object-oriented class-based inheritance features.
- Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package

Passion Projects

Project	**:**	Sudoku Backtraking (**Python**)
URL	**:**	https://github.com/varunsingh2610/sudokuBacktracking

- Put 9x9 sudoku puzzle in 2D array.
- With the use of recursion and backtracking algorithm it gives solution of all the puzzles.

Project	**:**	Price Tracker with Telegram (**Python**)
URL	**:**	https://github.com/varunsingh2610/price_tracker_telegram

- Script to track price of a product and send the price in your telegram app with if price drops.
- Used web scraping to search and send the price to telegram using its open source APIs.

Project	**:**	Search REST API (**Python**)
URL	**:**	https://github.com/varunsingh2610/API-for-imdb-movies-search

- Used Django REST Framework to search and filter the data from the database.
- Using the API to Create, Delete and Update the data also.
- Implemented the project on heroku.

EDUCATIONAL PROFILE

MSc Computer Science from Makhanlal Chaturvedi University with 70.68%.