AMAN MISHRA

| PYTHON DEVELOPER | FREE LANCE FULL STACK DEVELOPER | DATA SCIECNE ENTHUSIAST

Mumbai, Maharashtra

iamanmishra2007@gmail.com

7738318389

I'm a Python developer and a Data Science enthusiast skilled in various programming languages including Java, C# and database technologies like NoSQL and MySQL. I have a clear logical mind with a practical approach to problem-solving and a drive to see things through to learn & enjoy overcoming challenges. To know more about me you can visit my website : https://amanaation.github.io/

Willing to relocate: Anywhere

WORK EXPERIENCE

Python Developer

Emotix - Mumbai, Maharashtra
March 2020 to Present

• Part of Core Data Science team .
• Developed recommendation systems for IPL 2020.
• Created Data Scraping and Web Scraping scripts from various platforms containing huge amount of data (sometimes ranging to more than 2-3 GB's) with consistent accuracy of more than 90%.
• Developing and Managing database for an entire domain.
• Perform text pre processing for developing recommendation systems.
• Wrote highly efficient Python scripts to perform resource and time intensive database transactions in a matter of seconds thus increasing the efficiency of the entire database system.

• Provided User Analysis from multiple sources which led to the improvement in features of products.
• Responsible for Database Development of company's flagship product.
• Responsible for Data Visualization and User analysis which provided insights about user behavior and product selection pattern leading to increased performance of the product in the market.
• Providing user analysis from multiple sources for improvement in features of products.
• Worked independently to design, develop and test code.

Freelance Web Developer

Mumbai, Maharashtra
January 2020 to Present

1. Developed website for a Hyderabad based school. Link : https://www.pragynavikasvidyalaya.com/
2. Developed multiple locally hosted web applications for local shops.
3. Developed an application for PG owners in Hyderabad to keep track of all the payments and their tenants.
4. Built websites for final year students.

Senior Testing Executive

Infosys Ltd. - Hyderabad, Telangana
June 2018 to March 2020

• Created PDF Bill verification tool in Python that saved more than 2 months of manual work done by 3-4 people.
• Performed PDF and Web-scraping.
• Handled multiple project with high level complexity at once.
• Oversaw an entire database migration project.
• Created tool to automate the configuration file changes.
• 100% record of completing all the projects on time without any delay.
• Efficiently created over 60 automation scripts using UFT.
• Utilized Python to handle debugging and automation scripting tasks.

EDUCATION

Bachelor's in Computer Science

Ramniranjan Jhunjhunwala College - Mumbai, Maharashtra
June 2015 to April 2018

Higher Secondary(12th Pass) in Science

Ramniranjan Jhunjhunwala College - Mumbai, Maharashtra
June 2013 to May 2015

Secondary(10th Pass)

Madhyamik Vidyalaya
June 2012 to May 2013

SKILLS / IT SKILLS

- **Sql**
- **Java**
- **Python**
- **Numpy**
- **NoSQL**
- **Artificial intelligence**
- **Machine learning**
- **Github**
- **Css**
- **Javascript**
- **Pandas**
- **Html5**
- **robot framework (Less than 1 year)**
- **Orientdb**
- **NoSQL**

ONLINE PROFILE

http://www.linkedin.com/in/aman-mishra-72208414b

https://amanaation.github.io/

https://amanation.blogspot.com/

CERTIFICATIONS AND LICENSES

Problem Solving Basic

June 2020 to Present

Python Basic

June 2020 to Present

PROJECTS / PAPERS PRESENTED

InstaSearch

http://instaasearch.herokuapp.com/
September 2020

Have you ever felt tired of reading unnecessarily lengthy Wikipedia articles just to get a small piece of information.Wondering if you could get a summarized but important and accurate version of the data you want. Use my search engine INSTASEARCH you can search for anything you like (but try to be specific in your search) and get a summarized version of it free of cost along with all the necessary stats as well.

Touchless Interaction to play Snake Xenzia game

https://drive.google.com/open?id=13bgPC4yGwKjYhG-O-skW3XXlkUyesxcm
October 2017

Created a new way to play the famous Snake Xenzia without any physical interactions. The goal was to remove any physical interaction with the device. I used the concept of computer vision of machine learning for hand detection. The user has to just show the corresponding numbers to make the snake move in a particular direction. The controls are very simple : show 2 fingers in the green box to move the snake upwards show 3 fingers in the green box to move the snake downwards show 4 fingers in the green to move the snake left show 5 fingers in the green to move the snake right

Touchless paint application

https://drive.google.com/open?id=1vcoPo6fG9fkZYhQPhTrqxxKJn4__yXez
September 2017

In this project I have tried to recreate the basic functionalities without any physical interactions with the system.
You just have to move your fingers around and the drawing will be created tracking you hand movements.

Currently I have set the brush detection colour as blue. So you can draw using any blue colour object in your hand. Further developments are in progress i.e. I am trying to add more functionalities in it, to make this as a full fledged application.

Detect Program type

https://github.com/amanaation/detect_program_type
August 2020

In this Project I have used the concept of Bag of Words to detremine the file/program type i.e whether the program is a Java program or Python Program. Currentlly the code is able to distinguish between only this 2 Program types. I am working to make it able to predict more program types.

Pragynavikasvidyalaya.com

https://www.pragynavikasvidyalaya.com/
September 2019

This is a website I made for a Hyderabad based School. This is a non-profit school working to provide education to poor sections of the society. I made this website for free as a contribution to the society from my end.

SARS-prediction-with-B-cell-data

https://github.com/amanaation/SARS-prediction-with-B-cell-data
August 2020

Our purpose is estimating the epitope region of SARS-CoV by only analyzing the B-cell dataset. We are addressed the problem of classifying peptides into two categories in this task: antibodies with inducing properties (positive) and antibodies without inducing properties (negative), similar to the paper we have published.