Jason Britto

Bachelor's degree in Computer Engineering

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Work Experience:

Software Engineer - Newgen Software Technologies Ltd | Aug 2019 - Present

- Developing and modifying custom web services, to store documents in OmniDocs (Cloud Storage) by using Java for Backend, HTML & CSS for front end and Oracle Sql to store states of documents uploaded.
- Writing custom web links according to clients requirements to retrieve data and display data from Database in HTML page dynamically.
- Used core Java and vanilla JavaScript for Backend to handle work items (Documents/Requests) from case initiation to termination.
- Developed custom BAM(Business Activity Monitoring) reports using stored procedures, which returns columns and data from Database based on the date rage or conditions given by the user.
- Worked on solving production issues and Optimizing query by adding required indexing, joins and understanding the query structure

Project Intern - Suven Consultants and Technology Pvt ltd | Aug 2018 - Nov 2018

- Involved in design, development, testing, deployment, and maintenance of mobile applications.
- Android application development using java, XML, SQLite, Fragments
- Worked on location-based Services - Google maps.
- Focused on implementing a rich user interface and Google Material Design.
- Created an Online Learning Platform with payment gateway and implemented the concept of fragments for better memory management.

Awards:

Pat On Back Certificate, Newgen Software	**February - 2020**
Internship Certificate, Suven Consultants and Technology	**September 2017**

Technical Skills:

- Programming language: Python, Java, JavaScript.
- Web Technologies: HTML5, CSS3, Selenium, Django
- DataBase: Postgresql, Oracle Sql.
- Data Science Libraries: Numpy, Matplotlib, Pandas
- Version Control Tools: Git, Github, SVN.

Education:

Bachelor of Engineering (Computer Science), Aggregate 7.41/10 CGPA.
St. Francis Institute Of Technology, Mumbai University
Key Modules: Object Oriented Programming (Java), Database Management System (MSSQL), Distributed Database, Web Technologies, Data Structures, Analysis Of Algorithm.

Mumbai, India
August 2015 - July 2019

Higher secondary with Computer Science as Vocational Subject,
Aggregate 84.31%.
Thakur College of Science and Commerce
Key Modules: Object Oriented Programming (C++), Programming on Microprocessor 8085,Static Websites using HTML CSS.

Mumbai, India
June 2013 - May 2015

Projects:

- **Rape Victims Analysis**
(python, numpy, pandas, Matplotlib)

In this project my aim was to analyse rape victims in India, the dataset was obtained from Kaggle. The data gives us insight on how rape crime occurs not only in different states but also how different age groups fall victim of physical molestation. Out of all the states and union territories, union territories were filtered out and data plotting was done using only specific states where crime rates are high. Matplotlib.pyplot.subplot was used to plot different states and different color lines were used to indicate different age groups.

- **Automatic Instagram Downloader**
(python, Selenium, DOM)

In this project my aim was to automate google chrome to download posts from Instagram, for this purpose I used selenium, which is a python library to automate browser. I made a dummy account "jbot9088" and added its credentials in a ".txt" file which will be referred to login to instagram. So in the video, initially, the folder is empty, then after executing downloader.py, the 1st post be it an image or video will be downloaded into the download folder.

- **Personal Portfolio:**
jasonbritto.herokuapp.com
(HTML5, CSS3, javascript, Django)

A website which gives complete information about my professional life, Starting with how I started programming to becoming a Software Engineer at Newgen Software. I have used HTML, CSS, JS for struction and Animation and Django to reuse templates and dynamically linking static files. If you visit my website feel free to connect with me via contact me page.

- **Todo App:**
todolist-jbot.herokuapp.com
(HTML5, CSS3, Django)

As my first Django project, I made TodoList app is to demonstrate CRUD operations, the user can add any number of tasks which will be dynamically displayed and stored in the DataBase (SQLite). The user has the option to Create, Read, Update and Delete the task as needed.
Click here for live demonstration.

Extra-Curricular Activities:
- Volunteer for Versova Beach Cleanup(2016).
- Participated in Pragati(The Annual Technical Competition).
- Participated in Abhiyantriki 2017(Technical Exhibition at K.J.Somaiya).
- Attended hackathon & gained experience working as a team and as a potential contributor.