Jason Britto

Bachelor's degree in Computer Engineering

Mumbai - India

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Work Experience:

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

- Developing moderately complex software, create and execute designs for small sets of new functionality.
- Programming well-designed, testable, efficient code
- Closely working with BPMS and developing custom business processes.
- Developing and modifying custom web services and API's according to the business requirements using Core Java, Javascript, MsSQL.

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.

Education:

Degree	Name of institute	University/Board	Year of passing	Percentage/ CGPA
BE	St. Francis Institute of Technology	Mumbai University	2015-2019	7.51 Agg
HCS	Thakur College of Science and Commerce	Maharashtra State Board	2013-2015	84.31% Agg
SSC	St.Francis High School	Maharashtra State Board	2001-2013	91.82% Agg

Technical Skills:

- Programming language: Python, C, Core java.

- DataBase: Mysql, Postgresql

- Tools: Photoshop, Android Studio, Wordpress.

Projects:

- **Change in win percentage of top Spanish football teams**.
  (python, numpy, pandas, Matplotlib)

  This visualization was concerned with the plotting of a win percentage of the three major Spanish football teams (Real Madrid, Barcelona, Atlético Madrid) change over the years(1997-2019). The data set for all three clubs were obtained from Wikipedia. The dataset of all the three clubs was not in the same format so data-preprocessing was done so that all the datasets were on the same grounds. Duplicate years in any of the dataset was deleted so as to prevent overlapping of data and to get clear visual. As the end result, a line graph was plotted with years on the x-axis and win percentage on the y-axis.

- **Smart Driver Alert System**
  (python, tflearn, Opencv, Django)

  In this project, our goal is to make an android application/Web interface that detects road signs and notifies the driver with voice output. We used a convolutional neural network for image recognition and processing. For building an ML model tflearn library was used with 4 Convolution layers, 4 max-pooling layers, and 2 dropout layers. Other libraries like numpy, opencv were used for image processing and labeling.

- **Product comparison website:**
  astark.000webhostapp.com
  (HTML, CSS, javascript, PHP)

  On this website, the customer has the freedom to choose products from a wide range of vendors present in our database. The website will then sort the products and provide the final list to the customer with the best deal. The user and the vendor have two options either to "Login" and add/Edit products or to "Signup" and add electronic gadgets.

- **Voting app:**
  (Java, XML, Android studio)

  We built an android app to make it easy for the students to vote for college representatives. Only the admin is allowed to read the stats with the help of the login id and password provided.

Certification:

- Skynet secure certified python developer   September 2015
  From: Skynet Secure Solutions.

- Android App Development Course   September 2017
  From: Suven Consultants and Technology Pvt.Ltd.

- Introduction to Data Science in Python   May 2019
  Authorized by: University of Michigan and offered through Coursera

- Applied Plotting, Charting & Data Representation in Python   June 2019
  Authorized by: University of Michigan and offered through Coursera

- Data Structures and Algorithms in Python.   July 2019
  From: Udemy

- The Complete SQL Bootcamp(Postgresql)   August 2019
  From: Udemy

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.