Muhammad Hamza

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Creative and energetic Software Engineer with a demonstrated history of designing and developing web applications using different technologies like (React, PHP, Python etc.).

Skills

- JavaScript   ★★★★☆
- Python   ★★★★☆
- React JS   ★★★★☆
- PHP   ★★★☆☆
- Bootstrap   ★★★☆☆
- HTML   ★★★☆☆
- CSS   ★★★☆☆

Experience

EXPERIA TECHNOLOGIES (August 2021 - Present):

Region Based Sentimental Polarity Identification Of Online Data Of Political And Financial NEWS

- Scrapping of NEWS data using Web Scraper built using Python.
- Feature Detection of different NEWS keyword
- Prediction of the polarity of NEWS based on a trained Model.
- Training of Models using different models like KNN, K-Means etc.
- Analyzing the results produced by different models.
- Visualization of Polarity across different regions using Choropleth.
- Visualization library include D3.js
- Web Application showing the result while asking for input NEWS to process built using Flask.

- This project is built using Python, Flask, Sea-born, Matplotlib, NLP library and corpus.

Oware Technologies (Supply Chain Management Project) (www.coc.oware.co)

- Developed Custom React Components in order to fulfill the business needs of client
- Developed APIs to fetch and put the data in the database in order to complete the flow of transactions done in the system.
- Developed the Customer Portal in order to show the transactions and history of the customer since he/she became a member of the organization.
- Maintenance of Operations Portals and customizing it as per the needs of the Business.
- This project is built using React JS, Node JS, and MySQL as a database.

AXLE & OLIO SOLUTIONS (December 2019 - August 2021):

Adidas Combat Sports Worldwide (www.adidascombatsports.bmn-es.com)

- Development of E-commerce web store for Adidas Combat Sports.
- Integration of different payment methods in store to fulfill the collection of amounts in the accounts of respected franchisers which include (Japan, Korea, Australia, United States, etc.)
- Custom Plugin developed in order to fulfill the requirements which were not available in the conventional system.
- Third Integration for uploading of Catalog from one website to another.(Custom Plugin)
- This project is built using Woocommerce, PHP(Custom Plugins)

Pedro Shoes Pakistan (www.speedonline.pk/pedroshoes)

- Development of E-commerce webstore for Pedro Shoes(Singaporean Brand).
- Integration of different payment methods in store to fulfill the collection of amount in the HBL and Bank Alfalah account.(Custom Module)
- Custom Module developed in order to track the re-targeted audience using Facebook Pixel.
- Integration with different marketplaces like eBay, Amazon, Walmart etc.
- This project is built using Prestashop, PHP(Custom Module)

US Boxing (www.usboxing.net)

- Development of an E-commerce webstore for US Boxing (USA).
- Custom Module developed in order to track the re-targeted audience using Facebook Pixel.
- This project is built using Prestashop, PHP(Custom Module)

AFS GEAR (www.afsgear.com)

- Development of E-commerce webstore for AFS Gear (USA COmbat Sport Dojo / Shop).
- Custom Module developed in order to track the re-targeted audience using Facebook Pixel.
- Custom Module for online registration of classes.
- Integration with different marketplaces like eBay, Amazon, Walmart etc.
- This project is built using Prestashop, PHP(Custom Module)

Self Learning Projects

Twitter Sentiment Analysis (Kaggle Project)

- Developed a sentiment analysis system which fetch data from Twitter App and output the sentiment index i.e. positive or negative.
- Implementation of NLP algorithms and training of feature detection algorithms.
- This project is built using Python, NLP library and corpus.

Titanic Data-set Transformation (Kaggle Project)

- Transform the data-set into a given format.
- Implementation of NLP algorithms and training of feature detection algorithms.
- Prediction of the survivors based on the data given.
- This project is built using Python, Sea-born, Matplotlib, NLP library and corpus.

Instagram Clone (Ruby on Rails 7)

- User Authentication using Devise Gem
- Used Bootstrap for Styling
- Use Postgresql as RDBMS

Education

Bachelors of Computer Science
National University
of Computer and
Emerging Sciences,
Karachi 2015 - 2019

Intermediate
Sindh Muslim Govt. Degree College,
Karachi 2013 - 2015

Matriculation
Gallant Foundation School,
Karachi 2003 - 2013