

JIJO JOHNY

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Objective:

To secure the Business Analyst/Web Developer position.

Education:

University of South Florida, Tampa, FL

December 2017

Masters in Business Analytics And Information Systems

3.76/4

Mahatma Gandhi University, Kerala, India

May 2014

Bachelor of Technology in Electrical and Electronics Engineering

7.73/10

Technical Skills:

Programming Languages: Python, C, Java, JavaScript, R and XML.

Web Technologies: HTML5, CSS3, Bootstrap, RWD, JQuery, AJAX, Django, ReactJS, D3.JS, Node.JS, AngularJS.

Data Tools: RStudio, Tableau, Rapid Miner, Weka, SAS Studio, Hadoop.

Technologies: GitHub, Oracle SQL, MySQL, Microsoft SQL Server, Docker, MongoDB, SQLite, PostgreSQL.

Software Tools: Eclipse, Android-Studio, Adobe Photoshop, Office Tools, Phonegap, AWS, Cordova, Azure.

Methodologies: Agile, Waterfall and Scrum.

Operating Systems: Linux, UNIX, Windows.

Professional Experience:

The Urban Institute, Washington DC

Web Developer Intern

July 2017 - December 2017

- Designed and developed the middleware for a tax calculator- a web application using Django framework and D3.JS.
- Developed and designed the database in MySQL and migrated it in Django using models and serializers.
- Migrated code written in Fortran to a more advanced Python and launched the staging server using AWS.
- Set up the application using Docker a virtualization tool and used Docker hub for dev-test pipeline automation.
- Worked in Jira for project management using Agile methodologies with multiple teams on different projects.

Cognizant Technology Systems, Hyderabad, India

Programmer Analyst

November 2014 - July 2016

- Development of webpages for a pharmaceutical giant using jQuery with AJAX calling and pop up interactions.
- Development of responsive webpages using AngularJS (lazy-loading, auto-complete, customized select boxes etc).
- Development of responsive webpages using AJAX calling (Feeds from Twitter, Instagram and other related websites), Background videos, transition images, animations, auto-complete, WebForms and OS detection.
- Developed and designed a hybrid application (in Android and IOS platform) under SCRUM methodology with functionalities (Google maps, Facebook, Twitter and Line integration) using Phonegap, jQuery and MongoDB.
- Analysed the log data of the client using SAS to analyse the impact of its new drug in the market

KELTRON (Kerala State Electronics Development Corporation Ltd), Kerala, India

Intern

May 2013

- Created and maintained databases for the company's products in MySQL and worked on query optimization.

Academic Projects:

- Gamers Paradise: E- Commerce Website (Reference: <https://goo.gl/hMwIFo>)**

Used various Big Data Technologies to develop an E-Commerce website and hosted in Windows Azure. Scrapped data from Amazon.com using Python code and stored it in MongoDB. Implemented a Product Recommendation Engine, used ExpressJS, Bootstrap for front end along with Azure ElasticSearch, Redis Cache & Cloudinary CDN.

- Predicting US Presidential elections 2016 (<https://github.com/Jijo070/Twitter-Extract-For-Sentiment-Analysis>)**

Predicted the US presidential elections 2016 from the US primaries data set. Used sentiment analysis on daily tweets of both candidates posted from twitter and predicted who is more favourite. Created live dataset from twitter using apis written in Python. Analyzed the result of an experiment by running optimal regression models using R.

- Exploratory Data Analysis of Indian Cities (Reference: https://jijojohny.shinyapps.io/dash_board_app)**

Created web application dashboard in Shiny R after analysing the 2011 census data of around 500 cities of India which was visualised using Maps, Columns and Tree Map. The data was analysed on variables such as sex ratio and effective literacy rate to find cities and states having least females to males ratio and literates.

- Car Price Trends in www.carfax.com (Reference: <https://goo.gl/a41yzz>)**

Car Price trend in www.carfax.com was analysed by scrapping the data from the website, based on make, model and year of manufacture using Python apis. Regression and logit models were created on the data set in RStudio.

Certifications and Extra Curricular Activities:

- Android 4.0 Development, HTML5, Angular 2+, Data Science 101 and Spring Boot Microservice with JPA.
- Participated in hackathon competitions for the development of mobile applications, chat messengers etc.