

SUMMARY

- Self-motivated, results-driven software engineer and technically sound MIS and Computer Science graduate.
- Experienced in Python programming and can adjust to other languages. Strong computer science fundamentals.
- Excellent oral and written communication skills with experience in delivering results through code reviews & team meetings.
- Exposure to version control systems, knowledge of Git, continuous integration and experience in using Linux(Ubuntu).

TECHNICAL SKILLS

Programming: Python, SQL, Java

Front-End: HTML, CSS, Bootstrap, JavaScript

Databases: Microsoft SQL Server, NoSQL- PostgreSQL, Oracle 11g, Hadoop

OS and Tools: Windows 7/8/10, Linux (Ubuntu), Google App Engine, Vagrant, TestNG, MatLab, Jenkins, Eclipse, Flask, Bash, Tensorflow

Cloud and Visualization: MS Azure, Google Cloud platform, OpenCV, Gephi, Tableau

WORK EXPERIENCE

Software Engineer, Aspire Systems Inc., FL/CO

Sept 2016 – Present

- Research requirement analysis, design, develop & implement codes to the testing environment for healthcare project.
- Collaborative work with cross functional teams in determining the systems progress with proper documentation consists of flowchart, layouts and diagrams along with knowledge in using Python and frameworks.
- Created reports, debugging and regression testing on test cases in agile environment and exposure to testing methodologies.
- Developed unit tests, experience with test driven development, automated tests and preparation of technical documentation.
- Support the testing environment with test automation before releasing the deployment.
- Worked on retrieving, updating and manipulating healthcare data for data analysis and preparing unit-test cases.

Teaching Assistant/IT Student Analyst, Texas Tech University-IT Division, Lubbock, TX

Dec 2014 – May 2016

- Served as teaching aide for class of 40 students for Databases and business intelligence; graded and supervise examinations.
- Help students in learning Azure and applying big data technologies with software including python in data science.
- Worked as technical analyst for IT Division by providing front line software related issues and support to Staff, Faculty & students with daily closure of 15-20 tickets on priority basis.
- Troubleshoot Microsoft OS, Linux OS, MacOS, computer network and communication protocols including TCP/IP, UDP & HTTP.

Process Expert, Maersk, India

Feb 2014 – Jun 2014

- Designed and created backend data access modules using PL/SQL stored procedures and Oracle.
- Assisted software development team with various SDLC stages in agile environment & documenting technical specifications.

Intern Embedded Systems, ThinkLabs TechnoSolutions, India

July 2011

- Insight into different micro-controller architectures and their programming using Embedded C.
- Interfaced different sensors, display and learnt communication protocols like UART, SPI, Analog signal processing using DC and built specific code libraries for ATmega128 microcontroller.

EDUCATION

Texas Tech University, TX - *Master of Science in Management Information Systems-Data Science-GPA:3.42*

May 2016

Coursework: Decision Theory and Business Analytics, Data and Text Mining, Prescriptive Analysis, Business Problem Solving, Database Concepts, Statistical Concepts, Data management and Business Intelligence(Hadoop).

University of Mumbai, India - *Computer Science*

May 2012

Coursework: Distributed Computing, Algorithm and Data Structures, Compiler Design, Artificial Intelligence & Machine Learning, Image and Digital Signal processing, DBMS, Optimization Techniques and Embedded Systems.

PROJECTS

Contextual Chatbots with Tensorflow (Python, machine learning) - <https://github.com/tijugeorge/Chat-bot>

- Transformed conversational intent definitions to a Tensorflow model.
- Built a chat-bot framework to process responses and shows how basic context can be incorporated into a response processor.

Social Network Analysis using FB API - <https://github.com/tijugeorge/Project-2/blob/master/Project-2/Prescriptive-Analytics.pdf>

- Used the Facebook community page for real-time data processing by online live comments analysis for data mining.
- Sentiment analysis done on the retrieved data using the python and its ML packages.

Movie Trailer Website (Python, HTML, CSS) - <https://github.com/tijugeorge/Movie-trailer-website>

- Server-side code written in Python to store a list of my favorite movies, including box art imagery and a movie trailer URL.
- This data is then served to a web page using HTML and CSS allowing visitors to review these movies and watch the trailers.

EXTRA-CURRICULAR & AWARDS

- Volunteer tutor at Institutional Diversity, Equity & Community serving the Lubbock area, TX.
- Secretarial Coordinator with excellent organizational skills for Big Data Symposium at Texas Tech University 2016.
- Awarded study abroad competitive scholarship in Texas Tech University.