

Samsunder Golla

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SUMMARY

Masters in Computer Science with 3 years of Professional experience in Product Development & Data Management. Currently working as a Software Engineer and seeking opportunities in Software Engineering & Development.

EDUCATION

Jawaharlal Nehru Technological University

October 2014

Bachelor of Technology – Computer Science & Engineering

Arizona State University

June 2019

Master of Computer Science - Graduate Research Assistant

Relevant Courses: Data Mining; Statistical Machine Learning; Foundations of Algorithms; Adaptive Web; Data Visualization;

SKILLS

Programming Languages	Java(Proficient), Python, SQL, C++, SQR, C#, Matlab
Databases	MySQL, PostgreSQL, Oracle, SQLite, Mongo DB
Web	HTML 5, CSS, jQuery, Ajax, Spring, d3.JS
Operating System	Windows, Linux, Mac OS
Tools/Libraries/Frameworks	Git, Pandas, Tweepy, JIRA, Scikit, Django, Agile, eclipse, Tableau

WORK EXPERIENCE

INFOSYS LIMITED – Technology Analyst (Software Engineer)

Aug 2019 – Current

- Data Analysis and transformation of demographic data to detect patterns and visualize the same.
- Design and implementation of a Data model for a product catalog.
- Development of Web Applications using various frameworks.
- Automated application deployment and scaling using Kubernetes and Unit testing using Junit.

ARIZONA STATE UNIVERSITY - Graduate Research Assistant

March 2018 – May 2019

- Data collection and analysis from community stakeholders, social media, citizen science, and local and federal authority organizations in order to identify and mitigate resilience threats to Maricopa County.
- Performing heavy data analysis and data processing on sensor data, real time series data and raw text data to extract meaningful patterns and visualize the results.

AUTOMATIC DATA PROCESSING (ADP)– Software Engineer (R&D)

Dec 2014 – June 2017

- COS automation of National Accounts Implementation team using Java.
- Developed efficient SQR and PL/Sql scripts to incorporate inbound/outbound functionality for an enterprise.
- Design and Development of ADP vantage tool using Java to help users query relevant data from the enterprise.
- Automated the process of extracting data from local data hub using Python and Selenium to detect Anomalies.
- Increased efficiency of scripts by 7%.

PROJECTS

- **Gesture Recognition Model:** Developed an Intelligent system that would recognize human gestures. Implemented feature extraction methods like Fast Fourier Transform, Power Spectral Density, Discrete Wavelet Transform and Feature selection methods like Principle Component Analysis (PCA). Classified the gestures using Decision Trees, Neural Networks and SVM. Implemented the system using Matlab and Python.
- **Anti-Malware Banking System:** Created a Web Application and implemented defences against Server Overload, SQL injection and DNS spoofing attacks. The goal of the project was to make the application resistant to malicious attacks.
- **Social Behavioral Logging & Visualization:** Created an Application to predict the interests and knowledge of a user by analyzing persistent web logs like scroll, click, hover and time on stackoverflow data using Django, Python and SQLite.
- **Content Based Recommendation System:** Created a Search Engine by scraping content from Oracle tutorials and Java Wikibook pages using BeautifulSoup and Selenium. Implemented Natural Language Processing on the scrapped content using PyLucene. Indexed and Ranked the results of the query using PyLucene.
- **Twitinfo:** Developed an application that consolidates the data of FIFA world cup using the data collected from twitter in the form of a data story using tweepy. Performed sentiment analysis of the data using textblob and also implemented anomaly detection using one-class SVM.
- **Augmented Reality App:** Developed an Augmented Reality Game using Unity Platform and C#. Designed the concept of the game in such a way that the user can learn the object-oriented concept of Inheritance while playing the game.

