

SKILLS:

Programming:	Python, SQL, R, C, SAS Base/SAS Macros, Core Java, SAP ABAP, Matlab
BI/Analytics tools:	Tableau, Power BI, Advanced Excel
Cloud services:	Azure
ETL Tools:	SAP BODS
Database systems:	MongoDB, MySQL, SAP
Python Packages:	PySpark, Pandas, NumPy, SciPy, Sklearn, NLTK, TensorFlow, Matplotlib, Seaborn
Machine Learning:	Supervised / Unsupervised / Deep learning, Neural Networks, Feature Engineering.

EXPERIENCE:

Graduate Research Assistant, University of Houston, Houston, Texas

Nov'21*

- Customized FDA Studies App to facilitate direct patient input of real-world data which can be linked to electronic health data, thereby supporting traditional clinical trials, pragmatic trials, observational studies, and registries. Partitioned the data storage environment to support multiple clinical trials from different organizations, multi-site trials, or "distributed database" studies.
- Analyzed complex and large proteomic readouts that are difficult to analyze by simple sorting or spreadsheets using Machine Learning Approaches such as PCA, Wrapper and Embedded methods, Heatmap and Clustering, Random Forest Analysis.

Audit Analytics Specialist Senior Assistant, Deloitte Hyderabad, India

Jul '19 – Jul '21

- As Analytics specialist, performed exploratory data analysis using SAS, python and its libraries which includes analysis and investigation of data set, summarizing main characteristics and employing data visualization methods.
- Performed journal entry testing using SAS, R, Python and ACL for data wrangling and extraction on provided client data and developed and automated scripts using SAS, R, Python, SQL for data cleaning for complex data from different databases (SAP, Oracle, Peoplesoft, JDE, Quickbooks, Oracle, MRI, Yardi etc. including PDF files) into usable format in the areas of Power Utilities, Real-Estate, General Ledger, Revenue and financial statement consolidation that can be leveraged across various engagements.
- Developed standard dashboard using Tableau with user security level for Account Receivables, Rent Roll analysis, General Ledger for Power Utilities and Real Estate Clients.

Applicant Development Analyst, Accenture Solutions Pvt Ltd., Hyderabad, India

Aug '18 – Jul '19

- Extracted data from unstructured and structured data from various databases using SAP BODS and SQL
 - Transformed unstructured data into meaningful way and loaded into SAP data base using SAP ABAP, S/4 Hana
 - Generated Reports, smart forms and adobe forms using Module Pool in SAP ABAP.
 - Automated creation and execution of jobs in management console using SAP BODS.
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PROJECTS:

Phishing URL detection

- To detect the fake or phishing websites who are trying to get access to the sensitive data or by creating the fake websites and trying to get access of the user personal credentials.
- We obtained dataset by using web-scraping and implemented using Random Forests algorithm, our system enjoys the benefit of both high detection power and low error rates, and we obtained a Test accuracy of 86%.

Facial Landmark Prediction and reconstruction of Masked face

- Extracted facial features of masked face using Media pipe library and implemented a method that takes advantage of the combination of deep learning and local Binary Pattern (LBP) features to recognize the masked face.
 - Implemented Effective Removal of User-Selected Foreground Object from Facial Images using a Novel GAN-Based network using Media pipe library. Created custom python libraries to extract features of scaled image with straight face and predicted face with an accuracy of 88%.
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EDUCATION:

University of Houston- Master of Science in Engineering Data Science (GPA: 4/4)

Aug '21 – Dec '22

Osmania University – Electrical and Electronics Engineering (GPA: 3.8/4)

Sep '14- May '18

ACHIEVEMENTS:

- Engineering dean's Scholarship | Cullen College of Engineering, University of Houston. **Aug'21**
- Awarded **Spot award thrice** for delivering error-free work, handling multiple projects, automating manual works and taking ownership at early stage at Deloitte.