



Deepa Saw

Experience in executing full life-cycle development projects; targeting assignments in Python/Data Science/ETL Tools with an organization. Would like to work in a dynamic learning environment where I can contribute my current skills and grow through new opportunities to obtain a meaningful and challenging position in the industry.



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Profile Summary

- Achievement-driven professional with an experience of nearly 6 years.
- Experience in architecting applications with Algorithms, Data Structures, Machine Learning, Deep Learning and Python
- Skilled in using libraries such as Sklearn, Numpy, Pandas, Matplotlib and have worked on ETL Tools like SAP BODS.
- Rich experience in all phases of the software development lifecycle (requirements, design, development, testing, release, support).
- Talented communicator, able to build cordial working relationships with co-workers in a team environment.
- Well organized, with proven ability to multi-task and prioritize workload.
- Have been awarded On the Spot Award (4 times) and Applause award in TCS.
- Have been awarded Project Rewards (3 times) and Applause award (2 times) in Deloitte.
- Have worked in Banking and Manufacturing Domains.
- LinkedIn : <https://www.linkedin.com/in/deepa-saw-a7716945/>

Github Link

- <https://github.com/deesaw>
- Website: https://sawdeepa.github.io/deepa_Saw/



Core Competencies

Data Science	★★★★★
Machine Learning	★★★★★
Predictive Modelling	★★★★★
ETL	★★★★★
SAP BODS	★★★★★
Deep Learning	★★★★★



Career Timeline



Work Experience

Programming Languages:-Python, Machine Learning, HTML, CSS, Flask

ETL – SAP BODS, Datastage

Database-Teradata, SAP S4 HANA, eHANA, Oracle, SQL Server

Data Quality & Profiling Tool-Information Steward

- Worked closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis

Personal Projects :-

- Have built a website (just for fun) :- https://sawdeepa.github.io/deepa_Saw/
- Experience in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models.
- Worked on Employee retention ML algorithm using Logistic Regression, Random Forest and Deep Learning.
- Worked on figuring which customers may leave (Churn modeling) using Logistic Regression, Random Forest and Deep Learning.
- Worked on predicting out Insurance premiums for people using Random forest Regression, Linear Regressor, SVR.
- Worked on various regression and classification algorithms by using various Sklearn libraries like Linear Regression, Logistic Regression, Decision Tree, Random forest classification, Naive bayes, Support Vector Machine.

Deloitte's Firm Initiative Experience

- Deployed Flask app on cloud (AWS) for predicting the substitute materials (for SAP Data) using Decision Tree Classification.
- Deployed Flask app on cloud (AWS) for finding similarity between two images.
- Have Built a Django Webapp to query on database (MS SQL Server) and have highlighted data that needs to be cleansed through graphs.
- Experienced in executing full life-cycle development projects.

Deloitte's Project Experience

- Have worked on built of ETL (SAP BODS) code for intricate objects like Material Master, Inventory (SAP EWM), Open sales order (SAP OTC). Have also worked on SAP objects like Bank Master (SAP RTR), Material Determination (SAP OTC), Pricing agreements (SAP NTO), Z table load etc.
- Have created Technical Specification Document for projects and was involved in developing and testing of codes.
- Extracted data from different sources like SAP ECC, flat files, Asset suite and transformed the data as per user requirement using BODS 4.1 and loaded data into target.
- Have built Python utilities to automate following task:
 - To track status of cutover tasks.
 - To dump data from sql server to excel.
 - To split cross-reference file received by business to multiple text files.
 - To convert text files to excel.
 - To split files to multiple excel (depending on the warehouse number).

TCS Project Experience

- Spearheaded project development, testing, debugging, implementation, documentation and post implementation support.
- Extensive experience in Business Analysis, Data Analysis, User Requirement Gathering, User Requirement Analysis, Data Cleansing, Data Transformations, Data Relationships, Source Systems Analysis and Reporting Analysis.
- Worked on Extracting data from various sources and transforming the data using ETL tool -Datastage and then loaded the data to Datawarehouse.
- Have used databases like MS SQL Server ,Teradata.
- Other than my professional and personal responsibilities, I truly believe that social responsibility is an important aspect of being consummate individual. Have organized Fests in my college days and have actively participated in TCS's CSR initiative. As part Deloitte's Impact day, I have translated English stories to Hindi for underprivileged schools in India Students.

Highlights:

- Lauded by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion
- Have received Applause Award and Project rewards multiple times in current and previous firms.

Education

- B.Tech. (Computer Science Engineering)** from SRM University in 2014 with 8.765 CGPA

Technical Skills

Programming Languages: Python, Machine Learning, Deep Neural Networks, Sklearn Libraries, Flask, HTML, CSS

ETL: SAP BODS, Datastage

Databases: SQL Server 2019, Teradata, SAP S4 HANA, eHANA, Oracle, SQL Server

Platforms and Misc.: Anaconda, Jupyter Notebook, Spyder IDE, Pycharm, Windows XP/W7/W8/W10

Personal Details

Date of Birth: 14/10/1992

Languages Known: English, Hindi

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