SHASHI SINGH

DATA SCIENTIST   ● CHENNAI, INDIA   ☎ 9025734889

○ DETAILS ○

Chennai, India
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○ LINKS ○

www.linkedin.com/in/shashiiit/

https://github.com/Shashi503

○ SKILLS ○

Advanced Classification and Regression Models (XGBoost, LightGBM)

Deep Learning for Image, Text, and Sequential Data

Time Series Analysis and Forecasting

Scikit-learn (Advanced techniques for ensemble learning, model stacking)

TPOT (Automated Machine Learning)

Keras

SQL

Exploratory Data Analysis (EDA)

Data Cleaning, Transformation, and Feature Engineering

Data Wrangling for Large-scale Datasets

Pandas

NumPy

Advanced Text Classification and Sentiment Analysis

Named Entity Recognition (NER) and Entity Linking

Natural Language Toolkit (NLTK)

SpaCy

PowerBI

Tableau

PROFILE

A seasoned Data Scientist with over 1.5+ years of hands-on experience in designing, implementing, and deploying advanced Machine Learning solutions for complex challenges within the finance and banking sector. With a strong background in IT and Analytics, I possess a total of 2 years and 1 month of professional expertise across diverse domains, delivering impactful insights and innovations that drive business growth and operational excellence.

EMPLOYMENT HISTORY

Data Scientist at Sundaram Finance Ltd, Chennai
May 2022 — Present

- Orchestrated and executed diverse machine learning initiatives with varying roles: sole researcher, team leader, and collaborative team member.
- Masterfully employed advanced classification techniques to accurately predict HR attrition, bringing invaluable insights to the organization.
- (Achieved a significant reduction in attrition rates among new joiners, from 14% to 8%, post-implementation of predictive models.)
- Applied rigorous data analysis methodologies to conduct VFA performance analysis, delivering actionable insights for strategic decision-making.
- Pioneered the deployment of intricate prediction models, leveraging cutting-edge algorithms, leading to tangible business growth and process optimization.
- Engineered an interactive Diesel Finance sales dashboard, employing sophisticated visualization techniques to streamline sales performance monitoring.
- Demonstrated a versatile skill set by effectively collaborating with Sundaram Home and Sundaram Mutual, contributing to cross-functional synergy.
- Played a pivotal role in driving a remarkable 40% revenue surge through the innovative AUTO TOP-UP LOAN initiative, optimizing revenue streams across diverse products.
- Utilized state-of-the-art methods like CART and SHAP for meticulous feature importance analysis, yielding crucial insights into employee performance enhancement.
- (Pioneered the detection of early-stage Customer Delinquency at the Credit Decisioning stage, a complex predictive task merging historical and recent Bureau data.)
- Presented sophisticated analytical insights directly to Sundaram Finance's CMD, Shri Rajeev Lochan, enabling strategic decision-making and refining financial products.
- Collaborated with nationwide credit managers to refine models based on their valuable feedback.
- Significantly boosted employee performance and retention in the AP region through comprehensive data analysis and targeted interventions.

Associate Recruiter (IT/Analytics) at Net2Source, Noida
October 2019 — June 2020

Was responsible for sourcing , screening, interviewing and hiring candidates for the IT/Analytics positions for clients.

Matplotlib

Seaborn

Python

Natural Language Processing
(NLP)

EDUCATION

Masters in Business Administration (MBA) in Business Analytics, Indian Institute of Technology (Indian School of Mines), Dhanbad
March 2020 — March 2022

6.87 CGPA

Bachelors in Technology (B.Tech) in Computer Science and Engineering, Parala Maharaja Engineering College, Berhampur
March 2014 — March 2018

7.21 CGPA

D.A.V Public School, Chandrasekharpur, Bhubaneshwar
March 2011 — March 2014

Class 12th : 74 %

Class 10th : 9.2 CGPA

INTERNSHIPS

Data & Business Analytics (Special Projects) Intern at ConsultBae, Gurgaon
July 2021 — November 2021

• Single-handedly led a team of 11 full-time recruiters. Analyzed and assigned tasks, resolved queries and generated KPIs on a daily basis and created a dashboard to track their performance. • Successfully represented ConsultBae during client-discussions focused on requirement analysis, role-discussions, headhunting methodologies and tariff negotiations. • Developed an Attrition Prediction model and a KPI Dashboard to facilitate the needs of both ConsultBae and the clients.

Data Science Intern at The Sparks Foundation
November 2020 — December 2020

Had first hand experience in building dashboards and machine learning projects.

POSITIONS OF RESPONSIBILITY

Committee Member at Data analytics Club, IIT (ISM), Dhanbad
March 2020 — March 2021

Core Committee Member at Consulting Club, IIT (ISM), Dhanbad
March 2020 — March 2021

Chairperson at Literary Club, PMEC, Berhampur.
March 2015 — March 2018

Chairperson at Literary Club, PMEC, Berhampur.
March 2015 — March 2018

ACHIEVEMENTS

Semi-Finalist at L'Oréal Sustainability Challenge, 2021
March 2021

Regional Finalist at CFA Ethics Challenge, 2020 & 2021
March 2020 — March 2021

Semi-Finalist at Battle of the Bands (was part of the college band 'Cadence' as a Pianist)
March 2017 — March 2018

2 times published poet in 'The art of being human' poetry anthology. (Editors : Daniela Voicu, Brian Wrixon)
March 2011

Nominated for 'Young Talent' award by Literary Society of London (2010)
March 2010