SHAKHAF JOSEPH

Senior Data Engineer | Backend Engineer | 3 Years Experience | India

📞 +91-9167073897   @ shakhafjoseph18@gmail.com
🔗 https://github.com/Shakzhaf
🔗 https://www.linkedin.com/in/shakhaf-joseph-57631712a/
📍 Mumbai, IN

SUMMARY

With over three years of hands-on experience as a data engineer complemented by a robust academic foundation in analytical modeling and programming, I am dedicated to delivering top-tier business intelligence solutions for organizations aiming to enhance their operational efficiency. My proficiency spans advanced statistical algorithms, machine learning, and forecasting, and I have a track record of developing more than 1150 APIs using Django (Python).

EXPERIENCE

Senior Data Engineer- Tech & Consulting
Accenture
📅 04/2021 - 06/2023   📍 Remote

- Developed comprehensive financial dashboards for Unilever, a prominent British FMCG company, by orchestrating a data-driven workflow. Leveraged Azure to host source data and executed robust Extract, Transform, Load (ETL) processes using a blend of Python, SQL, and Scala. After refining the data, seamlessly integrated it into Power BI, creating insightful visualizations.
- The visualizations spanned various dimensions, encompassing geographical distribution, regional segmentation, and economic stratification—all meticulously derived from processed data. Moreover, they harnessed the power of data analytics to unveil valuable insights into Unilever's advertising expenditures.
- These consolidated efforts empowered stakeholders across more than 70 countries with the necessary tools to make informed and strategic business decisions.

Backend Engineer
Sankey Solutions
📅 06/2020 - 01/2021   📍 Mumbai, In

- Leading the Backend Development by Leveraging proficiencies in Python, Flask, Django, web development, web design, data mining, JIRA and cloud computing.
- This was achieved through the creation of a Fleet Management System (FMS), enabling efficient tracking and management of fleet vehicles, along with the provision of revenue insights to facilitate business decisions and cost optimization.
- Revenue increased by a remarkable 200%.

AI Intern
Harrisburg University of Science and Technology
📅 06/2019 - 07/2019   📍 Harrisburg, PA

- Collected technical requirements for $500K+ customer accounts, defining data rules for and KPIs for performance metrics for Movie Recommendation System.
- Perform HR data collection and a variety of statistical analyses using Microsoft Excel and Python.
- Assisted senior data science team in building innovative machine learning models and segmentations for personalization initiatives to drive margin, revenue, and conversion.

Camp Counsellor
Eden Village West
📅 06/2023 - 08/2023   📍 Healdsburg, CA

- Responsible for interpreting and transforming complex financial information from 990 forms into compelling and easily understandable visualizations. Involve leveraging various data visualization tools and techniques to extract meaningful insights, enabling stakeholders to make informed decisions and strategies.

EDUCATION

BE: Computer Engineering
St. Francis Institute of Technology, India
📅 2016 - 2020

TECH STACK

Python	Azure	AWS	Scala	R
SQL	NLP	Django	Excel	ML
MySQL	GCP	Spark	Postgres	
Numpy	Matplotlib	Chatbot		
Databricks	Pandas	ETL	Flask	
Redshift	Snowflake	Scrum-Agile		
Microsoft Office	Optimize Algorithm			
Quantitative Analysis				

KEY ACCOMPLISHMENTS

💎 **Experience running and managing NGOs**
Experience working and managing people in humanitarian organisations.
Additionally, I acquired proficiency in Adobe softwares for merchandise sales and magazine printing

✈️ **International internship and experience**
Experience of working with Australia, Israel and USA based clients.

📄 **Implemented, Written and Published an IEEE Paper**
"The proposed system, titled 'Intuitive User Interface for Enhanced Search Experience,' achieved an impressive accuracy rate of 94%."

🏆 **Organized a National Level Competition**
Led to investors connecting with promising startups.

OTHER PROJECTS

Telstra NBN WOC Reporting/Rapid (Accenture AI)
I served as a SQL/Scala/PySpark developer, contributing to end-to-end data analytics solution development within the Application Development team. This increased visibility facilitated quicker decision-making and led to a 20% increase in the stock price.

Airbnb Price Prediction
Algorithm: Decision Trees, Lasso, Ridge, Linear, ElasticNet Regression; Concepts: Hyperparameter Tuning

Small-Talk Chatbot
Concepts: Rasa Pipeline