HARSH HARSH

DATA SCIENTIST   📍 SAN DIEGO, UNITED STATES   📞 6282354291

DETAILS

San Diego
United States
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LINKS

Blog

Website

Github

LinkedIn

SKILLS

Docker

MySQL

Git

R

Python

SQL

Predictive Modeling

MongoDB

AWS Redshift

Data Science

Data Analytics

Experiment Design

Amplitude

Airflow

Google Cloud Platform (GCP)

Data Studio

Tableau

PROFILE

Experienced Data Scientist with a passion for delivering valuable data through analytical functions and data retrieval methods. Committed to helping companies advance by helping them to develop strategic plans based on predictive modeling. Bringing forth a proven track record of analyzing complex data sets and serving as a strong advisor.

EMPLOYMENT HISTORY

Data Scientist at Simpl, Inc., San Diego
July 2022 — Present

Series-B funded startup with over 1.5 million monthly active users, second largest BNPL player in India

- Instituted MIS automation, resulting in a weekly savings of **32 hours** using **Redshift SQL** and **Python**.
- Implemented rule-based filters based on user network connectivity, resulting in monthly savings of **$30,000** for Simpl utilizing **Python**, **SQL** and **Airflow**.
- Led the productionization of **ML** using **Airflow** models that leveraged user data to catch fraudulent users, resulting in a **20%** reduction in user delinquency.
- Successfully managed ad-hoc projects for **CFO** to meet business objectives.
- Actively collaborating with cross-functional teams to drive progress on a network analytics project focused on analyzing user defaulting behavior.

Product Analyst at Megashots Internet PVT LTD (getMega), Bengaluru
September 2019 — July 2021

One of the first 25 employees for a Series A funded "Pay to Play" gaming startup in a highly competitive market

- Consistently recognized as a top performer in bi-annual reviews.
- Achieved over a ten-fold increase in user engagement through Python-based personalized question difficulty algorithm to drive optimal engagement.
- Successfully reduced fraudulent users by **350%** through the creation and implementation of a detection and prediction model leveraging SQL and Python.
- Engineered a skill-based rating system utilizing SQL and Tableau to optimize matchmaking, driving a **500%** increase in player engagement.
- Led multiple A/B tests, resulting in an incremental 25% increase in average user gameplay time, analyzed using **SQL** and **Python**.

EDUCATION

Master of Science in Business Analytics, University of California, Davis, San Francisco
August 2021 — June 2022

Nominated to **Beta Gamma Sigma** society as one of the top performers of 2022.

Highlighted Coursework: Advanced Statistics, Big Data, Machine Learning

Master of Science in Engineering (Mechanical), Johns Hopkins University, Baltimore
September 2016 — April 2018

Highlighted Coursework: Computational Mechanics, Numerical Methods

Master and Bachelor of Technology, Indian Institute of Technology, Kanpur, Kanpur
July 2011 — June 2016

Highlighted Coursework: Linear Algebra, High-Performance Computing