

# HARSH HARSH

DATA SCIENTIST 📍 SAN DIEGO, UNITED STATES 📞 6282354291

## ◦ DETAILS ◦

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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

## 👤 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**.
- Implemented rule-based filters based on user network connectivity, resulting in monthly savings of **\$30,000** in defaulted money for Simpl.
- Led the productionization of **ML** models that leveraged user behavior data to catch fraudulent users, resulting in a **20%** reduction in experienced 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.

## 🎓 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*