

Shreyash Sahare

Boulder, CO | work.shreyash1001@gmail.com | 720-255-4636 | LinkedIn | GitHub

SKILLS

- Data Manipulation:** Pandas, NumPy, Spark SQL, Excel (Pivot Tables, Power Query, advanced formulas & functions), JSON
- Data Visualization:** Tableau, Power BI, AWS QuickSight (Highcharts integration, automated refreshes), Plotly, Matplotlib, Seaborn
- Cloud Platforms:** AWS (Glue, Lambda, S3, Athena), Azure (Databricks, Delta Lake), GCP (BigQuery)
- Analytics & Testing:** A/B Testing, Statistical Modeling, Hypothesis Testing, ANOVA, KPI Design

EXPERIENCE

Void Robotics

Robotics Engineering Intern

Marathon, FL (Remote)

08/2025 - Present

- Engineered ROS2-based perception modules containerized in Docker, to support **robotic automation**

- Developed a **computer vision pipeline** for pill counting in 50+ images using **K-Means clustering** and CV techniques

- Implemented **SLAM-based navigation** in ROS2 and **YOLO object detection** in Docker for real-time perception

Mercor

Data Science Expert (Independent Contractor)

San Francisco, CA (Remote)

08/2025 - 09/2025

- Analyzed 20+ datasets across several domains using **statistical modeling, hypothesis testing, and forecasting** techniques

- Designed **analytical frameworks** to evaluate **data quality** and **reasoning accuracy** across AI-driven outputs

- Developed 15+ **dynamic dashboards** and evaluation metrics to score the LLM on crafted rubrics, achieving **27% across all tasks**

Parlay Finance

Data Scientist

Boulder, CO (US)

01/2025 - 05/2025

- Engineered SBA loan classifiers, achieving **87% accuracy** on ineligible applications to **streamline** loan approvals

- Implemented data validation and anomaly detection processes to **reduce false approvals by 22%**

- Applied **JSON-based configuration** for metadata and validation rules to **streamline data processing**

National Institute of Technology, Tiruchirappalli

Undergraduate Research Intern

Tiruchirappalli (India)

06/2022 - 08/2022

- Devised **ResCoWNet CNN** to denoise OCT scans, boosting **SSIM** by 12% over baseline models for **clearer retinal imaging**

- Employed dual-tree complex wavelet transform (**DT-CWT**), reducing speckle noise by **30%** and enhancing **OCT scan clarity**

- Published in Elsevier (**8+ citations**), contributing to **AI-assisted diagnostic tools** for retinal diseases

TECHNICAL PROJECTS

Scaleflow - Supply Chain ETL Analytics | [GitHub]

02/2025 - 05/2025

- Architected RAG pipelines (**LangChain, GPT-4o**) to semantically search 3M+ trade records for **supply chain insights**

- Orchestrated 3 ETL pipelines (**Airflow + Docker**) to ingest 1.5M+ **records** for **supply chain analytics**

- Reduced ETL runtime by **58%** via multithreaded batching, enabling downstream access for **hourly reporting and ML tasks**

YouTube Ad Campaign Optimization | [GitHub]

12/2024 - 02/2025

- Deployed a serverless ETL pipeline (**AWS Glue + Lambda**) to structure 419K+ YouTube records for **ad targeting**

- Optimized S3-Athena queries, reducing latency by 40% to enable **real-time content analytics** over 70K+ records

- Built automated **QuickSight dashboards** on top of AWS Athena queries to provide **real-time ad performance tracking**

IBM Employee Attrition Analysis | [GitHub]

03/2024 - 05/2024

- Conducted multivariate HR data analysis using **Tableau** for **1K+ employees** to uncover drivers of **attrition and workforce risk**

- Identified **34.6%** higher churn among employees aged **24–30 vs. 42–48**, guiding **retention strategies**

- Propelled **targeted retention planning** for **200+** at-risk employees through age-based attrition insights

EDUCATION

University of Colorado Boulder

08/2023 - 05/2025

Master of Science in Data Science

GPA: 3.73

- Key Coursework:** Neural Networks and Deep Learning, Machine Learning, Big Data Analytics, Statistical Methods

National Institute of Technology, Tiruchirappalli

07/2019 - 05/2023

Bachelor of Technology in Electronics and Communication Engineering

GPA: 3.22

- Key Coursework:** Linear Algebra and Calculus, Statistical Theory of Communication, Deep Learning

CERTIFICATION

- SnowPro Core Certification, Snowflake - Aug 2025