

Raghunandan Ramadass

raghunandan-r.github.io , linkedin.com/in/raghudan

Email : raghunandan092@gmail.com

Mobile : +1-585-286-7594

PROGRAMMING SKILLS

- **Languages:** Python, C++, SQL, JavaScript, Java
- **Libraries & Frameworks:** numPy, pandas, fastai, PyTorch, PySpark
- **Databases, Data Processing & Tools:** PowerBI, Tableau, SQL Server, MySQL, Snowflake, MongoDB, Airflow, PostMan, Github, AWS Sagemaker, UNIX, Bash & Shell scripting.

EDUCATION

- **Rochester Institute of Technology** Rochester, NY
Master of Science in Data Science Aug. 2022 - May 2025
- **Anna University** Chennai, India
Bachelor of Technology in Information Technology Sep. 2009 - May. 2013

EXPERIENCE

- **Micron Technology** Boise, Idaho
Incoming Revenue Operations Intern May 2024 - Aug 2024
 - **Forecasting & Operational Analytics:** Eager to contribute to building reports and dashboards for revenue planning and bridging gaps between pricing approval and sales
- **Freshworks, Inc.** Chennai, India
Revenue Operations Jul 2021 - Jul 2022
 - **Operational Analytics:** Boosted quarterly sales by 20%, through large-scale data analysis, development of key metrics, reports and dashboards for strategic reviews with senior Sales Executives.
 - **Cross-Sell Conversion:** Improved cross-sell conversion by 50% Quarter-on-Quarter by identifying Ideal Customer Profiles for the Go-to-Market Sales Operations Processes.
- **LYNK Logistics** Chennai, India
Operations Research Oct 2019 - May 2021
 - **Fraud Detection:** Reduced operational losses by 25% by applying statistical techniques and machine learning models to identify fraud by analyzing patterns in customer & driver behavior.
 - **Supply Chain Modeling:** Improved delivery margins by 66% by building tools and data pipelines from the ground up and deploying a classifier to enable accurate prediction of package compatibility with delivery modes.
- **BankBazaar.com** Chennai, India
Technology Integration Apr 2016 - Sep 2019
 - **Technical Product Management:** Slashed turnaround time and churn by 2x for personal finance products by spearheading the implementation of a reverse-MIS framework, coordinating cross-functional teams in Product, Engineering, and Operations.

RESEARCH & PROJECTS

- **AWARE-AI NSF Research Traineeship - 2023**
 - Conducted cognitive science research traineeship at RIT, advancing literature by classifying proactive and reactive human cognition in human-machine collaboration, through studies involving over 25 participants.
- **FastSearch - Interactive Search Engine**
Link: github.com/raghunandan-r/FastSeach_DSCL_Capstone
 - Optimized search application's click-through rate by 3x, by implementing natural language processing and active learning in client-side web browser for relevant content navigation.
- **Real-time Sentiment Analysis - AWS Sagemaker**
Link: github.com/raghunandan-r/sagemaker-pyspark
 - Deployed a sentiment analysis accessible as an API endpoint on AWS Sagemaker Studio and used PySpark to handle distributed processing on a 20M MovieLens dataset hosted on S3 buckets.