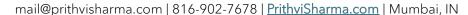
Prithvi Sharma.com





PROFESSIONAL SUMMARY

Award-winning Data Scientist - Assistant Manager (SME) at Reliance Jio with about 3 Years of Total Experience.

WORK EXPERIENCE

Reliance Jio Infocom Limited

~ 2 Years

Data Scientist - Assistant Manager, Geo-Spatial Solutions

2022 - 2024

- Increase 112 Location Accuracy by 83% while reducing inconsistency by 66% using Machine Learning
- Enhanced PAN Emergency Alert Network capabilities while reducing 4G Cell Broadcast reception time by 71.6%
- Achieved 93% reduction in cost and time for PAN India 5G testing via innovative data process automation
- 112 Emergency Architecture Fault Detection Analysis Successfully reducing Error from 44% to 23%
- Integrated ISRO's NavIC System for Automated Jio A-GPS Location Queries and strategic live Data Injection

Yantriq Systems Pvt. Ltd.

~ 6 Mon

Intern, Video Wall Data System

2019 - 2020

- Deployed CCTV monitoring and analysis system at B.A.R.C Mumbai, enhancing real-time data visualization
- Worked in the configuration of NVU Israel video-wall controller for optimizing data display and integration
- Created a multi-layout visualization template with custom scripts to facilitate efficient data monitoring and recording

VES Renaissance Cell ~ 6 Mon

Intern, BASA: Banking Application for Specially Abled

2019 - 2020

- Led Backend Database development and secured data transmission with dual-layer Firebase encryption
- Developed advanced AI based voice-to-command functionality for accessible data interaction using Regex
- Designed whole UI with shoulder surfing protection using Python and Kivy including model development

HIGHLIGHTS

- Research Paper: Visual Speech Recognition using Deep Learning-aided Motion Vectors & Dlib's Markers ~ Link
- Award : Network's Best Performer (Q2' FY 22-23 Reliance Jio)
- **Honour**: Jio 5G National LIM Event, Technology Spokesperson 2022
- Open Source Contribution: Hyprstream Decentralized LLM inference and training engine built in Rust ~ Link

SKILLS

•	Python	•	Machine Learning	•	Artificial Intelligence	•	Data Analytics
•	Agentic Al	•	SQL	•	Gen Al / Agentic Al	•	Data Science
•	DataBricks / Snowflake	•	LLM	•	Automation	•	Linux

PROJECTS

•	Publication: Lip Reading with Visual Speech Recognition Reliance Jio: 112 Location Enhancement using ML Reliance Jio: Real-Time Emergency Messaging System	DOI 10.5281/zenodo.17385124	2021 2024 2023					
• I	Reliance Jio: Real-Time Emergency Messaging System Reliance Jio: RAG based IT Helpdesk Chatbot GPT-2 LLM Fine Tuning: Big Bang Theory Script Generation	<u>Link</u>	2023 2023 2020					
CERTIFICATION								
• I	IBM : Advanced Data Science Specialization Microsoft : Professional Artificial Intelligence Capstone Intel Al Academy : Al from Data Centre to the Edge	Link Link Link	2020 2019 2019					

EDUCATION

• Bachelor's in Engineering, EXTC VESIT, Mumbai University, Mumbai | 2021 - First Class