

MOHAMMED NASEERUDDIN

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SUMMARY

Data Analyst with 1 year of experience at Tata Consultancy Services specializing in geospatial data integrity and navigation systems for Apple Maps. Proven ability to enhance data accuracy and system performance, achieving over 93% quality on all deliverables. Skilled in Python, SQL, and GIS platforms, with a passion for leveraging data to improve routing algorithms and user navigation experiences for millions of global users

SKILLS

Data Analysis & Programming: Python (Pandas, NumPy, Geo Pandas), SQL (MySQL), REST APIs

Geospatial Tools: GIS Platforms (QGIS, ArcGIS), Spatial Data Editing, Navigation Data Systems

Methodologies: Data Validation, Quality Assurance, Workflow Management.

Professional: Problem-Solving, Cross-Functional Collaboration, Communication, Attention to Detail.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services – Hyderabad, India

Analyst – IoT Digital Engineering (GIS & Data Systems) (Aug 2024 – Present)

- Enhanced the quality of geospatial geometry for Apple Maps, consistently achieving a 93%+ quality score and 100%+ productivity with zero critical errors.
- Automated geometry validation and navigation attribute updates, significantly reducing manual effort and improving data accuracy.
- Managed and resolved ticket-based data integrity issues using GIS platforms and APIs, ensuring full compliance with project SLAs.
- Improved routing algorithms and navigation accuracy for millions of users by applying large-scale data validation techniques.

PROJECTS

JARVIS In-Car Voice Assistant | Python, Google Translate API, Open-Weather API

- Developed a Python-based voice assistant to enhance driver safety by providing hands-free access to navigation, real-time weather forecasts, and multilingual translation.
- Integrated multiple external APIs for services including Google Translate and OpenWeather, and enabled YouTube playback functionality

EDUCATION

Sharnbasva University - Bachelor's Degree in Computer Applications | CGPA: 8.20/10
(Graduated 2024)

CERTIFICATIONS & ACHIEVEMENTS

- Infosys Springboard Ideathon 2024 - [View Certificate](#)
- Participant, TATA Innovation Challenge 2025 – AI Co-Pilot Project
- Certified “Geo Processing using Python” — ISRO, India. [View Certificate](#)