

# Remedan Hyeredin

Software Engineer | Data Scientist | Data Analyst

+251-929517703 | remedanhyeredin@gmail.com | [www.linkedin.com/in/remedan](https://www.linkedin.com/in/remedan) | <https://github.com/RemedanSE123>

## Professional Summary

Detail-oriented and analytical Data Analyst with a background in Software Engineering and hands-on experience in data collection, cleaning, analysis, and visualization. Contributed to national-scale projects involving geospatial datasets and large relational databases. Skilled in using Python, SQL, Power BI, Excel, and QGIS to turn complex data into meaningful insights. Passionate about solving real-world problems through data and eager to grow in the fields of data analysis and data science.

## Technical Skills

- **Programming & Analysis:** Python (Pandas, NumPy), SQL, Excel (Advanced), Web Scraping
- **Data Visualization:** Power BI, Tableau, QGIS, Interactive Dashboards
- **Database Management:** MySQL, PostgreSQL, Data Modeling
- **Data Techniques:** Data Cleaning, Data Wrangling, Structuring, Geospatial Data Processing
- **Tools:** Git, GitHub, GeoJSON, Shapefiles, Chapa API

## Work Experience

### Kukunet Digital

Data Analyst Intern

June 2023 – Sept 2023

Addis Ababa, Ethiopia

#### Project: Digital Address Registration System (DARS)

- Collected and organized over 5,000 entries covering Ethiopia's administrative divisions (regions, zones, woredas, kebeles).
- Cleaned and validated raw data to improve quality, consistency, and usability for database integration.
- Built relational database schemas using SQL for scalable and efficient data storage.
- Developed charts and dashboards to present data coverage and quality to stakeholders.
- Created a searchable and filterable interface to improve data access and decision-making.

### Adama Science and Technology University- Final Year Project

Data Analyst / GIS Specialist / Software Engineer

Jan 2024 – May 2025

Addis Ababa, Ethiopia

#### Project: Ethiopia Mapping & Data Visualization System (SaaS)

- Analyzed large-scale shapefiles and GeoJSON datasets covering over 10,000 administrative units.
- Processed geospatial data using QGIS and Python for map generation and spatial analysis.
- Designed and implemented a spatial database using PostgreSQL and PostGIS.
- Enabled dynamic data visualization on administrative maps using custom filters and layers.
- Built a SaaS platform with payment integration (Chapa) for institutional data access.

## Education

### Adama Science and Technology University

Bachelor of Science, in Software Engineering

Jan 2020 – June 2025

Addis Ababa, Ethiopia