Cephas Acquah Forson
Gambier Street, St John's, Newfoundland, Canada
cephasfn@gmail.com | +1 709 853 1790 | LinkedIn

PROFESSIONAL SUMMARY

Geospatial professional with over 7 years of experience in GIS analysis, data management, and spatial data integration. Proficient in the use of GIS software and tools, including ESRI ArcGIS and QGIS, and highly skilled in geospatial data analysis, asset management, and database optimization. Proven ability to work both independently and as part of a team, with experience in public utility and resource sectors. Seeking to apply my expertise as a GIS Analyst with PERSOLKELLY to contribute to long-term projects that benefit local communities.

WORK EXPERIENCE

GIS Analyst
Eastern Health, Health Science Center, St Johns, Newfoundland, Canada
December 2023 – Present
- Manage spatial data related to health services across the Eastern Health network.
- Update and maintain GIS databases, ensuring data accuracy and alignment with healthcare policies.
- Provide geospatial analysis to support planning and resource allocation for healthcare infrastructure.
- Collaborate with various departments to integrate spatial data into broader decision-making processes.

Mine GIS and Database Manager
Managem Group Ltd., SMM Tri-K Mine, Guinea
April 2020 – August 2023
- Led GIS and database management for mining projects, managing geological and survey data.
- Administered SQL-based databases, ensuring seamless operations and integration with ERP systems.
- Conducted spatial analysis and generated maps for exploration and operational needs.
- Collaborated with cross-functional teams to ensure data quality and enhance reporting accuracy.

Key Achievements:
- Developed an improved database structure, reducing query time by 25%.
- Trained staff in GIS tools, saving the company training costs.

Mine GIS and Database Engineer
Ghana Manganese Company (GMC), Nsuta Mine-Tarkwa, Ghana
September 2016 – April 2020

- Managed and optimized GIS data, integrating it with the company's ERP and financial systems.
- Conducted spatial analysis to support resource allocation and project planning.
- Initiated the use of drone technology for data collection, cutting data acquisition time by 90%.

Key Achievements:
- Successfully integrated GIS data with ERP systems, improving resource management.
- Reduced system downtime by 15% through the automation of maintenance tasks.

GIS Intern
Aberdeen City Council, Aberdeen, United Kingdom
June 2015 – September 2015
- Assisted in the integration of GIS data for urban planning and economic development.
- Provided technical support and user training on GIS systems and data management.

EDUCATION

Master of Data Science (MDSC)
Memorial University of Newfoundland, St John's, NL
Graduated September 2024
M.Sc. Geographical Information Systems (GIS)
University of Aberdeen, Aberdeen, United Kingdom
September 2014 – September 2015
- Awarded Best Project and Rihards Johnson's Award for Best Poster Presentation.

B.Sc. Geomatic Engineering
University of Mines and Technology, Tarkwa, Ghana
September 2008 – June 2012

TECHNICAL SKILLS
- **GIS Software**: ESRI ArcGIS, ArcGIS Online, QGIS
- **Programming**: Python, SQL, R
- **Database Technologies**: MySQL, Oracle SQL, MSSQL, SSMS
- **Data Visualization**: Power BI, MS Excel
- **Cloud Services**: Microsoft Cloud Services, Microsoft Online
- **Systems Integration**: ERP and GIS integration, asset management systems
- **Spatial Analysis**: Geospatial modeling, map creation, data accuracy

ADDITIONAL SKILLS
- Strong analytical and problem-solving skills, with the ability to manage large datasets.
- Excellent communication and collaboration abilities, working with cross-functional teams.
- Proficiency in documenting work processes and user training.

REFERENCES
Available upon request.