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Data science project - <https://colab.research.google.com/drive/1m2YkUQVjiJiGAuuVBWpR9yhZsLAWgSa5>

## SUMMARY

Experienced Geophysicist with 2.5+ years of expertise in well log analysis, base metal exploration in Zambia, groundwater, and hydrographic surveys. Proficient in interpreting geophysical data, conducting fieldwork, and utilizing advanced software tools. Possesses foundational IT skills and is seeking to transition into Data Science to apply analytical expertise in data-driven decision-making and innovation.

## KEY SKILL'S

- Data Acquisition ERT (Ip/Res,10 and 20 channel Receiver)
- Magnetic Method
- Basic Statistical knowledge
- Python,
- Machine Learning
- SQL
- Basic Knowledge of Res2d Inv.
- Arc Map.

## EDUCATION

- **M.Sc(Tech.) Applied Geophysics**  
(Kurukshetra University,Kurukshetra)  
**2019- 2022**
- **B.Sc (Mahatma Gandhi Kashi Vidhyapith University**  
**2015-2018**
- **XII (S K S Inter college ,State\_Board)**  
**Y.O.P: 2015**
- **X (B.V.MS, Varanasi),CBSE\_Board,**  
**Y.O.P:2012**

## TRAINING

- **Python With Machine Learning**
- **Indian Institute of Science**  
Education & Research (Pune):  
Atmospheric Earth Science  
(workshop).
- **GIS (Remote Sensing):** Indian  
Space Research Organization/  
Indian Institute of Remote  
Sensing, (DEHRADUN)

## DATA SCIENCE PROJECT

- Credit Card fraud detection project

## PROFESSIONAL EXPERIENCE

### ORGANIZATION: Advent Oilfield Services Pvt. Ltd

**Duration** : March'24 -

**Designation** : Geophysicist

**Job Responsibility** :

- **Well Log Data Analysis and Interpretation:** Conducted in-depth analysis and interpretation of well log data to derive meaningful insights.
- **Database Management:** Implemented and maintained efficient well log database systems for data storage, retrieval, and analysis.
- **Project Management:** Led project teams, monitored progress, and coordinated resources to achieve project objectives within deadlines.
- **Technical Report Writing:** Prepared detailed technical reports, including progress reports and final reports, to communicate findings and recommendations to clients.

### ORGANIZATION : AFRICAN MECHANICAL AND SUPERLIFT, ZAMBIA

**Duration** : May'23 -January'24

**Designation** : Junior Field Geophysicist

**Job Responsibility** :

- **Mineral Exploration:** Conducted exploration for manganese and copper deposits.
- **Geophysical Surveys:** Utilized IP/Resistivity, magnetic, and core logging techniques for subsurface exploration.
- **Data Acquisition and Processing:** Acquired and processed geophysical data using advanced equipment, including Elrec Terra Receivers and Terra Plus instruments.
- **Geological Mapping and Sampling:** Conducted geological mapping and geochemical surveys to identify mineralized zones.
- **Data Analysis and Interpretation:** Analyzed and interpreted geophysical and geological data to generate insights into subsurface geology and mineral potential.
- **Report Writing:** Prepared comprehensive technical reports summarizing project findings and recommendations.

### ORGANIZATION: BLUEENERGY BUILD PVT LTD

**Duration** : Mar'22 - April'23

**Designation** : Field Geophysicist

**Job Responsibility:**

- Ground Water Exploration
- Geological, Geophysical, Hydrological Investigation of Ground Water in Southern Terrain Of INDIA.
- Hydrography & Resistivity Profiling/Sounding