

JUMANA KARUMATH

GIS & CAD Specialist

Location: Jizan, Saudi Arabia **Phone:** +966 59 456 7897 **Email:** jumanak965@gmail.com

SUMMARY

Experienced GIS & CAD Specialist combining AutoCAD drafting expertise with geospatial analysis and geological field experience. Proficient in ArcGIS, QGIS, and Google Earth Pro for mapping, mineral reserve delineation, and hazard assessment. Strong background in civil and structural drafting, environmental consultancy support, and technical documentation. Recognized for precision, compliance with standards, and effective coordination across teams. Available to join immediately.

TECHNICAL SKILLS

AutoCAD Drafting | Civil Drawings | structural Drawings | Joinery Drawings | Drawing Revisions | CAD Documentation | Boundary Drawings | Road Drawings | File Management | Drawing Coordination | GIS (ArcGIS Pro, QGIS) | Google Earth Pro | Geological Mapping | Sampling Techniques | Mineral Identification | Mining Documentation | Hazard Zonation Mapping | Data Management | Environmental Assessment | Field Data Collection | QAQC Awareness.

PROFESSIONAL EXPERIENCE

GIS & CAD SPECIALIST

(Feb 2024 – Sept 2025)

KHDEC Engineering Consultancy, Kerala, India

- Created detailed AutoCAD drawings, including site plans, plot boundaries, access roads, floor plans, setout, elevations, sections, roof plans, and joinery drawings.
- Developed GIS maps and supported GIS tasks, including spatial analysis and site boundary plotting.
- Managed revisions and updates for CAD and GIS project deliverables.
- Conducted spatial analysis, georeferencing, and data integration.
- Ensured accuracy and version control for all technical documents.
- Supported environmental assessments through GIS-based analysis.
- Maintained organized project records and documentation for auditing.

JUNIOR GEOLOGIST

(March 2022 – December 2023)

ORENG & SPADER, Mining & Environmental Consultants, Kerala, India

- Supported geological surveys, mapping, and sampling activities
- Prepared mining area and mineral reserve boundary maps using Google Earth Pro
- Handled documentation processes for mining license applications
- Prepared and assisted in writing mining and geological reports
- Maintained organized field data, maps, and reports for easy reference and auditing

EDUCATION

Master of Science in Applied Geology

Calicut University, Kerala, India – 2021

Bachelor of Science in Applied Geology

MES Ponnani, Kerala, India – 2019

CERTIFICATIONS & TRAINING

Advanced GIS Training (July 2024 – December 2024)

Geospatial Campus, Kochi

- ArcGIS Pro
- LiDAR Essentials

Introduction to QGIS, ArcGIS & Applications (2021)

Department of Geology, Calicut University

PROJECT EXPERIENCE

Granulometric Characteristics of Beach Sediments – Kasaragod, Kerala

- Conducted field sampling and sediment analysis
- Prepared GIS maps of sampling locations
- Analyzed grain size distribution patterns
- Classified depositional environments
- Used ArcGIS, QGIS, GPS instruments, and laboratory tools

TOOLS & SOFTWARE

AutoCAD | ArcGIS Pro | ArcGIS Desktop | QGIS | Google Earth Pro | GV SIG | SketchUp | MS Office

LANGUAGES

English | Malayalam | Tamil

SOFT SKILLS

Teamwork | Communication | Documentation | Reporting | Field Coordination | Teaching Interest