

# MUHAMMED JAWAD

## GIS

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### PROFESSIONAL SUMMARY

Results-driven GIS with professional experience supporting urban planning, infrastructure development, and environmental mapping projects in Calicut, Kerala. Highly skilled in spatial data digitization, LULC analysis, remote sensing, and GIS quality control. Proficient in ArcGIS Desktop, ArcGIS Pro, QGIS, and Google Earth Pro. Strong ability to collaborate with engineers, surveyors, and project managers to deliver accurate and timely geospatial solutions in compliance with Saudi standards.

### TECHNICAL SKILLS

- GIS Software: ArcGIS Desktop, ArcGIS Pro, QGIS, Google Earth Pro
- Spatial Analysis: Digitization, LULC Analysis, Raster & Vector Processing, Georeferencing
- Remote Sensing: Satellite Image Interpretation, Image Classification
- Data Formats: Shapefiles, Geodatabases, KML, GeoJSON
- Cartography: Thematic Mapping, Layout Design, Professional Map Production
- Quality Control: Spatial Accuracy Checks, Data Validation, Error Detection
- Reporting Tools: MS Excel, MS Word, PowerPoint
- Client Coordination: Project Updates, Data Collection, Technical Support

### PROFESSIONAL EXPERIENCE

*GIS Analyst | UL Solution | Kerala, India | 2024 – 2025*

- Digitized building footprints, road networks, land use, and infrastructure layers for GIS project databases.
- Performed Land Use and Land Cover (LULC) analysis for urban development and environmental assessment projects.
- Conducted spatial quality control to ensure compliance with client and Saudi project specifications.

- Integrated field survey and GPS data into GIS platforms for accurate spatial analysis.
- Prepared thematic maps, analytical reports, and cartographic outputs for planning and decision-making.
- Coordinated with engineering teams, surveyors, and project managers for smooth project delivery.
- Supported infrastructure and utility mapping projects with accurate spatial datasets.

## **EDUCATION**

*Bachelor of Science (BSc) in Geography | University of Calicut, India | 2021 – 2024*

Core subjects include Physical Geography, Human Geography, Cartography, GIS Applications, and Environmental Studies. Strong academic foundation in spatial analysis and natural resource management.(final result pending)

## **LANGUAGES**

- English – Proficient (Written & Spoken)
- Malayalam – Native
- Arabic – Proficient (Read & Written)

## **ADDITIONAL DETAILS**

- Transferable Iqama – Ready for immediate joining anywhere in Saudi Arabia
- Valid for field and office-based GIS work
- Adaptable to Saudi project environments and deadlines
- Strong coordination with multinational teams
- Career Objective: To contribute GIS expertise to Saudi Vision 2030 infrastructure, urban planning, and environmental development projects