

ABOUT ME

A dedicated and detail-oriented professional with a strong foundation in geology and environmental studies, passionate about building a career in Geographic Information Systems (GIS). With hands-on experience in field mapping, geological surveys, and land-use planning, there is a keen interest in leveraging GIS technology to solve complex spatial problems and contribute to sustainable development. Eager to expand expertise in GIS and spatial analysis, focusing on data-driven decision-making for environmental management, urban planning, and resource optimization.

- WORK EXPERIENCE**
- DISTRICT COORDINATOR, THIRUVANANTHAPURAM, TRST01 (HYDERABAD)**
- Spearheaded district-level project coordination, ensuring seamless execution and operational efficiency.
 - Strategically managed stakeholder engagement, fostering collaboration between government bodies and local organizations.
 - Oversaw data collection and analysis, providing critical insights for informed decision-making and policy recommendations.
 - Led and monitored field teams, optimizing resource allocation and performance to meet project objectives.
 - Developed comprehensive progress reports, highlighting key achievements and strategic improvements.

- PROJECTS**
- TEXTURAL CHARACTERIZATION OF SOUTH WEST KERALA SOIL PROFILES SIGNIFICANCE OF LANDSCAPE CHANGES**
- Conducted soil characterization study in Southern Kerala's midlands and highlands.
 - Analyzed four soil profiles over different parent rocks, examining texture and composition.
 - Explored the correlation between soil texture and landscape changes.
 - Collected and analyzed field samples to determine soil properties.
 - Contributed to environmental insights on soil behaviour and regional landscape transformation
- GIS BASED LAND USE PLAN AT LOCAL SELF GOVERNMENT LEVEL PADANNA GRAMA PANCHAYAT, KASARAGOD DISTRICT, KERALA.**
- Digitized land use map of Padanna Grama Panchayat using ArcGIS.
 - Classified land into zones based on environmental and geographical properties.
 - Worked at the Kerala State Land Use Board, integrating hydrological data into land use planning.
 - Proposed land-use interventions to promote sustainable development.
 - Produced a GIS-based report to aid local government in land management decisions.

- SEMINARS**
- National seminar at Maharaja's College Ernakulam on "Recent trends in Geoscience".

- INTERNSHIP**
- Conducted geological field mapping in Palode area, Thiruvananthapuram, focusing on stratigraphy and structural history.
 - Studied surface encrustations of graphite and their geological significance.
 - Contributed to mapping Toposheet No. 58H/02, enhancing understanding of the region's mineral composition and structure.

- WORKSHOP**
- One day workshop on "Beach placer deposit and associated rare earth elements,its propeties and separation techniques" at CUSAT, Ernakulam.

- EDUCATION**
- GIS & RS (2024)**
AVAKAZA GEOSCIENCE RESEARCH TECHNOLOGIES
 - Post Graduate in Geology (4.28 CGPA) from MG University** An advanced course program focused on in-depth study of the composition, dynamics, and history of the Earth.
 - Graduate in Geology (8.39 CCPA) from Kerala University**
The program of study is systematic and multidisciplinary, dealing with the study of the structure, composition, evolution of the Earth's crust, and the exploration of its natural resources. Included in this degree course are core modules in mineralogy, petrology and geochemistry, structural geology and hydrogeology..

SKILLS			<ul style="list-style-type: none">Remote Sensing and Image ProcessingDatabaseGIS Mapping and CartographyManagement in GISWorking with Vector and Raster GeodataAdvanced Spatial Analysis Techniques	<ul style="list-style-type: none">Network Analysis and Image Classification3D Visualization And Model BuildingPractical Applications in GIS & RS
LANGUAGES			<ul style="list-style-type: none">EnglishMalayalam	
PERSONAL DETAILS			<ul style="list-style-type: none">NationalityDate Of Birth	<ul style="list-style-type: none">: Indian: 22-04-1998
PASSPORT DETAILS			<ul style="list-style-type: none">Passport NoExpiry Date	<ul style="list-style-type: none">: C4551272: 20/11/2034