



GREESHMA [REDACTED]

Nationality: Indian **Date of birth:** 20/03/1995 **Gender:** Female

Phone number: [REDACTED]

Email address: [REDACTED]

LinkedIn: [REDACTED]

Work: Schiller Strasse 4,, 64342 Seeheim (Germany)

ABOUT ME

Dedicated and versatile IT professional with expertise in GIS, Programming and Remote Sensing, Seeking challenging assignments to contribute to organizational success and further enhance my skills and knowledge.

EDUCATION AND TRAINING

MSC Remote Sensing and GIS

Kerala University of Fisheries and Ocean Studies [06/2017 – 04/2019]

City: Ernakulam | Country: India | Final grade: 76% (University 4th rank)

BCA

National College [06/2013 – 05/2016]

City: Thiruvananthapuram | Country: India | Final grade: 65%

WORK EXPERIENCE

GIS Developer

Center for social and Resources development (CSRD) [12/2023 – 04/2024]

City: Kerala | Country: India

- Developed and maintained web-based GIS applications using HTML, JavaScript, CSS, and APIs for effective data visualization and analysis.
- Exhibited advanced GIS skills by creating interactive web maps for multiple Panchayats in Kerala,

GIS Technician

Kerala state land use Board [01/2023 – 03/2023]

City: Kerala | Country: India

- Identified and calculated wasteland areas in Thrissur and Ernakulam districts.
- Executed the creation of layered maps for comprehensive visualization.
- Utilized geospatial tools and data analysis to inform land management strategies.

CSC Operator

Common Service Center Thiruvananthapuram [06/2020 – 12/2022]

City: Kerala | Country: India

- Facilitated government services and public assistance programs through a Common Service Center, ensuring efficient and accurate delivery of services.
- Provided excellent customer service, addressing inquiries and resolving issues promptly.
- Managed and maintained digital records, utilizing [specific tools or software] to streamline administrative processes.

GIS assistant

Institute of Forest Genetics and Tree breeding (IFGTB) [01/2020 – 03/2020]

City: Coimbatore | Country: India

- Accomplish precise georeferencing of forest division boundaries, ensuring accurate spatial representation.
- Converted GPS coordinates into polygons and points using GIS software, facilitating comprehensive spatial data management.
- Conducted truthing exercises with Google Earth, rectifying data points for enhanced accuracy.
- Performed mapping tasks and carefully tabulated results in Excel for efficient data analysis and reporting.

Internship Training

ESSO - Indian National Centre for Ocean Information Services (INCOIS) Hyderabad [11/2018 – 03/2019]

Country: India

- Calculated Coastal Vulnerability Index (CVI) based on physical and geological parameters are Shoreline change rate, Sea level change rate, Coastal slope, Coastal regional elevation, Tidal range, Coastal geomorphology and significant wave height.
- Utilized Erdas, ArcMap Software and DSAS tools.
- Various Satellite data spanning from 1972 to 2016

LANGUAGE SKILLS

Mother tongue(s): Malayalam

Other language(s):

English

LISTENING C1 READING C1 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

Coastal Vulnerability assessment along Thiruvananthapuram Coast, Kerala South West Coast of India using Remote Sensing and GIS Techniques. ESSO - Indian National Centre for Ocean Information Services (INCOIS) Hyderabad

Land Use Land Cover of Puzhakkal gramapanchayath, Thrissur, Kerala. Kerala University of Fisheries and Ocean Studies

Preparation of Detailed Project Report (DPR) for the Rejuvenation of River Cauvery through Forestry Interventions. Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore

ACHIVEMENTS

- Participated in IIRS 29th Outreach Programme on "**Hyperspectral Remote Sensing and its Application.**"
- Evolved a "**Multi User Website**" during the graduation period.
- Attended IIRS Outreach Programs on "**Basics of SAR Remote Sensing**" and "**Satellite Photogrammetry and its Application.**"
- Achieved **Fourth Rank** in Kerala university of Fisheries and Ocean Studies

SKILLS

Technical Skill

- **Microsoft Office Suite** : Word, Excel, PowerPoint, Outlook
- **GIS** : ARC GIS PRO, ESRI ARC MAP, QGIS, qgis2web
- **Remote Sensing** : ERDAS
- **Database Management** : PostGreSQL, DBMS
- **Web Development** : Geoserver, Github
- **Programming** : Python
- **Web Technologies** : HTML, CSS, Javascript
- **Database Query Language** : SQL
- **Geospatial Visualization** : Google Earth

SOFT SKILL

- Team Collaboration
- Critical Thinking
- Problem Solving
- Leadership
- Time management

DECLARATION.

I hereby declare that all the particulars mentioned above are true to the best of my knowledge and belief.