

PRIYANKA SINGH

GIS Engineer

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Summary

GIS Engineer with 5 years of experience in GIS mapping, digitization, and spatial data analysis. Skilled in ArcGIS, QGIS, and Mapinfo, Global mapper. Experienced in cadastral mapping, land use land cover (LULC) mapping, building footprint digitization, road mapping, and georeferencing. Also have knowledge of HTML, CSS, JavaScript, React, and basic Python. Looking for opportunities to contribute GIS and web-based mapping skills in a professional organization.

Skills

GIS Software: ArcGIS Desktop, ArcGIS Pro, QGIS, MapInfo, Global Mapper

Programming & Web: Python, HTML, CSS, React

GIS Tasks: Digitization, Cadastral Mapping, LULC Mapping, Spatial Analysis, Georeferencing

Experience

Lepton Software

Aug 2023 – Present

GIS Engineer

- Working on GIS digitization and spatial data projects for infrastructure and mapping solutions.

Creatronics Healing Systems

Apr 2022 – Aug 2023

GIS Analyst

- Performed building footprint digitization, LULC mapping, and road centre line digitization using ArcGIS.

Semantics Technologies and Agritech Services Pvt. Ltd.

Nov 2021 – Apr 2022

GIS Analyst

- Worked on cadastral mapping projects using GIS and AutoCAD Map 3D.

Accelcraft

Mar 2021 – May 2021

GIS Analyst

- Performed land surveying GIS projects including 2D and 3D mapping.

Assam Survey and Training Centre

Feb 2021 – Mar 2021

GIS Analyst

- Worked on cadastral mapping and parcel digitization projects.

A.R.T CAD & GIS Solutions

May 2020 – Feb 2021

GIS Analyst

- Digitized building footprints and assisted in transmission line design mapping projects.

Projects

Solid Waste Management Using Remote Sensing and GIS

2019

- Final semester research project analyzing waste management in Guwahati using GIS and remote sensing techniques.

Land Use Land Cover Mapping (ArcMap 10.8)

- Digitized industrial, residential, agricultural, forest, and water body polygons with attribute classification.

Building Footprint Digitization (ArcMap 10.8)

- Polygon digitization of building structures using raster imagery.

Road Centre Line Digitization (ArcMap & QGIS)

- Created road centerline datasets for transportation and cab service mapping.

Parcel Creation and Cadastral Mapping (QGIS & AutoCAD Map 3D)

- Created parcel maps, property ownership layers, and cadastral datasets with georeferenced imagery.

Education

PG Diploma in Geo-informatics

2021

Accelcraft Institute of GIS and Remote Sensing Technology

M.A. Geography

2019

University of Science and Technology Meghalaya

B.A. Geography

2017

Narengi Anchalick Mahavidyalaya