

# SUNBEAM RAHMAN

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## OVERVIEW

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With over 10 years of experience in spatial analysis, remote sensing, and geospatial project coordination. I have a Master's degree in GIS and am currently working as a researcher at the University of Calgary.

## EXPERIENCE

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### Research Assistant

Department of Geography, University of Calgary

Feb 2025 – until today

I'm expanding my MGIS Capstone project paper on Arctic Amplification and Chinook wind dynamics in Alberta. I am using Python (ie. Xarray, Geopandas) and ArcGIS Pro. I am also working with radar altimetry data of Arctic sea ice.

### Graduate Assistant (Research)

School of Public Policy, University of Calgary

Jun 2024 – Sep 2024

I worked with over 15,000 data points regarding agri-tech research of Canada and finding gaps.

### GIS Specialist and consultant

Various iNGOs and Government agencies in Bangladesh

Jan 2012 – Aug 2023

I worked in GIS across forestry, agriculture, and climate sectors, where I focus on biophysical change monitoring, ArcGIS Enterprise-based data management, and field-to-cloud workflows. I provided more than 200 hours of GIS training.

## EDUCATION

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### Master of Geographic Information Systems

Department of Geography, University of Calgary | Calgary, AB, Canada

Jun 2025

I studied advanced GIS, remote sensing, advanced spatial modelling and geostatistics. I obtained 3.7 out of 4.0.

### Master of Science in Geography and Environment

Department of Geography and Environment, University of Dhaka | Bangladesh

Oct 2011

I studied human geography, GIS and remote sensing. I secured 1<sup>st</sup> class 5<sup>th</sup> position.

## CERTIFICATION

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Certified Associate In Project Management (CAPM®) by Project Management Institute, Jul 2025, ID# 4163967, [Credly URL](#)

## LANGUAGE

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French (DELF B1 certified) and English

## SKILLS

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Geospatial analysis and modelling (Esri ArcGIS desktop of enterprise suit), spatial programming (Python and Arcade), Remote sensing (multispectral, hyperspectral, Radar, point cloud and GEOBIA).