# AINDRILA TALUKDER
**M.Sc. - Geoinformatics**
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Pune, Maharashtra, India - 411016

**SYMBIOSIS INSTITUTE OF GEOINFORMATICS**
CONSTITUENT OF SYMBIOSIS INTERNATIONAL
(DEEMED UNIVERSITY), PUNE

## BRIEF SUMMARY

I am a dedicated and hardworking professional with a strong interest in the geospatial industry. I value honesty and punctuality, ensuring that I meet deadlines and fulfill my commitments. I have a proven ability to manage time effectively, work well within teams, and lead others to achieve shared goals. My focus on integrity and continuous improvement helps me contribute effectively to every project I am involved in.

## KEY EXPERTISE

Arc GIS Pro    QGIS    SQL    Python    Eardas Imagine    SDBMS    R Programming

## EDUCATION

**Symbiosis Institute of Geoinformatics**                                                    2023 - 2025
M.Sc. - Geoinformatics   |   CGPA: **7.39 / 10**

**Shri Shikshayatan College**                                                                       2020 - 2023
B.Sc. Hons. - Geography   |   Percentage : **74.10 / 100**

**St. Paul's Boarding and Day School, Kolkata**                                                   2020
12th   |   Percentage: **74 / 100**

**St. Paul's Boarding and Day School, Kolkata**                                                   2018
10th   |   Percentage: **74.60 / 100**

## INTERNSHIPS

**Cybertech Systems & Software Limited** | IT Product & Services          06 Jun, 2024 - 05 Aug, 2024
GIS Intern

**Key Skills:**   Arc Map    Arc GIS Pro    Arc GIS Products    Communication

Gained knowledge and hands-on experience with various Arc GIS Products.

## PROJECTS

**Smart Mobility Solutions for India's Urban Giants:Transforming Transport in Delhi, Mumbai, Pune, and Bengaluru**
**Mentor:** Dr. Shipra Verma   |   **Team Size:** 3

**Key Skills:**   Arc GIS Online    Arc GIS Pro

**Evaluating the Flood Susceptibility in Pashchim Champaran: A Comparative Study of Fuzzy AHP and Random Forest Model**
**Mentor:** Dr. Sandipan Das   |   **Team Size:** 3

**Key Skills:**   Arc GIS Pro    Erdas Imagine    Python    Google Earth Engine

**Forecasting of Vegetative Cover Change for 2042 Using CA Markov Chain Model, Wayanad District.**
**Mentor:** Dr. Dharmaveer Singh   |   **Team Size:** 3

**Key Skills:**   Arc GIS Pro    QGIS    Python

**Assessing Wildfire Intensity And Risk Zonation Using Machine Learning: A Case Study of Gadchiroli, Maharashtra**
**Mentor:** Sahil K. Shah   |   **Team Size:** 3

**Key Skills:**   Arc GIS Pro    Python

**Spatio-temporal Analysis of Agricultural Drought in Latur District Using Standard Precipitation Index (SPI) and Environmental Indices**

**Mentor:** Dr. Navendu Chaudhary

**Key Skills:** Arc GIS Pro   Erdas Imagine   Google Earth Engine   Python   R Programming

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**Geospatial Analysis of Landslide Risk in the Himalayan Terrain: A Case Study of Rudraprayag, Uttarakhand.**
**Mentor:** Dr. Sandipan Das   |   **Team Size:** 3

**Key Skills:** Arc Map   Arc GIS Pro   Erdas Imagine

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**Comparison of Different Interpolation Technnique in Estimating Rainfall Pattern Changing over Pune District (2000-2020)**
**Mentor:** Dr. Dharmaveer Singh   |   **Team Size:** 3

**Key Skills:** Arc GIS Pro   Arcpy

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**Utilization And Visualization of GSDP of India Using Various Libraries**
**Mentor:** Sahil K. Shah   |   **Team Size:** 3

**Key Skills:** Python   NumPy   Pandas   imagieo   os   Choropleth

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**Identification and Mapping of Forest Fire in Mizoram Using Multi-Spectral and Thermal Remote Sensing Data**
**Mentor:** Dr. Dharmaveer Singh   |   **Team Size:** 5

**Key Skills:** Arc GIS Pro   Erdas Imagine

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**Impact of Covid-19 on Health, Education, Agriculture and Tourism in West Bengal**
**Mentor:** Ritubarna Partihar   |   **Team Size:** 5

**Key Skills:** QGIS

## ASSESSMENTS / CERTIFICATIONS

**Applied GIS from Basic to Implementation on ArcGIS and Google Earth Engine.**

## SEMINARS / TRAININGS / WORKSHOPS

**Going with Spatial Analysis** Institute Name: ESRI,MOOC          24 Jan, 2024  -  05 Mar, 2024

**Key Skills:** Arc GIS Pro

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**National Symposium on "Exploring Geospatial Ecosystems, Trends, and Innovation."**          28 Nov, 2023  -  30 Nov, 2023
**Institute Name:** Indian Society of Geomatics (ISG) and the Indian Society of Remote Sensing (ISRS)

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**Blended Capacity Building Programme for Stakeholders of River Ganga FIFTH COLLOQUY: GANGA SAMVAD**          15 Feb, 2023  -  15 Feb, 2023
**Institute Name:** South Asian Institute for Advanced Research & Development (SAIARD)

## CO-CURRICULAR ACTIVITIES

- Recitation, Drawing

## EXTRA CURRICULAR ACTIVITIES

- Volunteering

## PERSONAL DETAILS

**Gender:** Female
**Current Address:** Block 17,Hirai Sonai Niwas,16 Janwadi , Gokhalenagar,near BSNL Gateway., Pune, Maharashtra, India - 411016

**Emails:** 23070241003@sig.ac.in , aindrilatalukder@gmail.com

**Date of Birth:** 23 Oct, 2002
**Known Languages:** English, Hindi, Bengali
**Permanent Address:** 15/1 Saborno Para Road,Barisha, Kolkata, West Bengal, India - 700008
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