PRATHAMESH GOPAL TAYDE

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SUMMARY

I am a Geomatics Master's student with a good background in programming, remote sensing, and spatial data analysis. My expertise includes tools like Google Earth Engine and ArcGIS Pro, with practical experience in agriculture, urban planning, and environmental studies through various internships.

INTERNSHIP

Amnex infotechnologies pvt. ltd, Ahmedabad.
Intern (02 Months; May, 2024 to July, 2024).
A project I did on agriculture crop change monitoring. The project mostly used programming and ArcGIS Pro. Google Earth Engine is used for data accusation.

CUPP, Ahmedabad.
Intern (02 Months; January,2024 to March, 2024).
This 2-month internship worked on land value and density within the Chennai metropolitan area. In this study, I worked on building digitization and identifying building use.

Albedo Foundation, Nashik.
Intern (04 Months; July,2022 to Dec, 2022).
In this 4 months Internship, I did two studies, which were soil loss assessment for Sindhaphana and Panchaganga river basin. This study used a lot of software and ML.

EDUCATION

Masters in Geomatics (2023- 2025) *Currently Pursuing*
CEPT University | Sem I G. P. A. – 3.10 / 5.00 | Sem II G. P. A – 3.10 / 5.00

Bachelor of Technology (Agricultural Engineering) (2019-2023)
College of Agril. Engineering, Jalgaon ja| PDKV Akola I C. G. P. A. – 8.13 / 10.00

Maharashtra State Board – 12th (2019)
Late. BDV jr college, Motala | Percentage – 64.77%

Board – 10th (2017)
National Military School Akola | Percentage – 66%

SOFTWARE SKILLS

ArcGIS Pro | Google Earth Engine | SNAP | CityEngine | QGIS | ERDAS IMAGINE | ENVI | Agisoft metashape | Ms office | Google Earth Pro

AREA OF INTEREST

I am passionate about programming, with a focus on geospatial applications. I have experience using Google Earth Engine for remote sensing and environmental data analysis. My skills allow me to efficiently work with spatial data for visualization and problem-solving.

PRIME ACADEMIC PROJECTS

1. **Analysing crop pattern shifts and emergence period changes in rabi season "a case study of Barba and Dhari subdistricts in Gujarat state" :** This study analyzes Rabi crop patterns in Gujarat's Babra and Dhari subdistricts using Sentinel-2 satellite data. Supervised image classification was performed with ArcGIS Pro and ERDAS Imagine identifying and analyzing crops, and crop emergence data was processed using automated workflows.

2. **Improve accessibility to basic amenities for residents of Rajkot city:** This study examines Rajkot residents' proximity to essential services like schools, healthcare, parks, and public transportation (BRTS & RMTS). Proximity to these amenities significantly impacts quality of life.

3. **Green cover change analysis using geospatial techniques for Nashik, Indore, and Chandigarh city, Year 2024:** This study is carried out for a Green cover change analysis in two decades for the Nashik, Indore & Chandigarh cities, from 2001-2021, to study the conversion of the urban green cover into other land uses. To analyze the factors causing green cover change.

4. **Soil loss Erosion Assessment by using the RUSLE Model for the & Sindaphana River Basin, Year 2023:** This study was done on the Sindhaphana River Basin, which is situated in the Beed district of Maharashtra. In this study, soil loss was identified using different factors.

5. **Soil loss Erosion Assessment by using the RUSLE Model for the Pancha Ganga River Basin, Year 2022:** This study was done on the Panchaganga River Basin, which is situated in the Kolhapur district of Maharashtra. In this study, soil loss was identified using different factors.

CONFERENCES ATTENDED

ILUS – international land use symposium

ACADEMIC ACHIEVEMENTS

1. 1st price in poster presentation in Albedo Foundation internship period

PROFESSIONAL SKILLS

Professional photographer and Videographer, Event management, Leadership, Graphics designer, Programmer, etc.

PERSONAL DETAILS

Date of Birth: 05th May 2002
Languages: English | Hindi | Marathi
Nationality: Indian

DECLARATION

I hereby declare that the above-mentioned details in this resume are true, complete and correct to the best of my knowledge and belief.

PLACE: Ahmedabad, Gujarat   PRATHAMESH GOPAL TAYDE