

# TEJ CHAVDA

GIS ANALYST, CIVIL ENGINEER



## EDUCATION

July 2019 - Ongoing

*M.Tech (Geomatics)*

CEPT University, Ahmedabad  
CGPA: 4.1/5 (Till 3<sup>rd</sup> Semester)

Aug 2016 - May 2019

*Bachelor of Technology in  
Civil Engineering*

Charotar university of science  
and technology CGPA: 7.4/10

Apr 2013 - May 2016

*Diploma in Civil Engineering*

Tolani Foundation Gandhidham  
Polytechnic(SFI) CPI: 7.92/10

## PERSONAL DETAILS

DOB: 10<sup>TH</sup> May 1998

Address: 156, Bileshwer nagar,  
Anjar, Kutch-370110

## INTEREST AREA

- Enterprise GIS
- GIS for Decision Support System
- Geospatial Modelling
- Spatial Analysis
- GIS for Urban Development
- Digital Image Processing
- Machine Learning & Deep Learning
- Web-GIS

## LANGUAGES KNOWN

English (Proficient)  
Gujarati (Native)  
Hindi (Proficient)

## PROFILE

Passionate in the field of Geographic Information System (GIS) and Remote Sensing. Always eager to learn new things. Intend to build a career in the hi-tech corporate environment with committed & dedicated people. Willing to work as a key player in challenging & creative environment.

## TECHNICAL PROFICIENCY



ARCGIS PRO



ARCGIS ONLINE



QGIS



GOOGLE EARTH  
ENGINE



ERDAS IMAGINE



SNAP



OPEN LAYER



GEO SERVER



POSTGRES  
SQL



MICROSOFT  
OFFICE

## PROGRAMMING LANGUAGES



PYTHON



HTML/CSS



JAVASCRIPT

## NOTABLE ACADEMIC PROJECTS

### Thesis

- Enterprise-GIS Solutions for Integrated Decision Making

### M.Tech SEM III

1. Urban sprawl prediction and it's influence on property price trends for Ahmedabad city [Click Here For Report](#)

### M.Tech SEM II

1. Designing a GIS based Spatial Decision Support System for efficient Storm water management in the smart city of Gandhinagar, Gujarat, India under the Gandhinagar Municipal Corporation (GMC) [Click Here For Report](#)
2. Sabarmati Watershed analysis Using Spatial Analysis Technique [Click Here For Report](#)

## PROFESSIONAL AFFILIATION

- Co-Founder of InsightsGIS – The Data Hub (Geospatial Awareness Platform)
- Institute of Electrical and Electronics (IEEE) – Geoscience and Remote Sensing Society (GRSS) - 96094999
- Social Media Manager at InGARSS IEEE
- visEOnary@EOfactory.ai at Eofactory

## CONFERENCE

1. Smart data, Smart Cites, Smart Governance.
2. URISA's GIS-Pro 2020
3. Geo for Good Summit 2020
4. IEEE International India Geoscience and Remote Sensing Symposium 2020
5. CHAPNET-2020 International Virtual School on Application of Machine learning and IoT in Remote Sensing
6. 2020 Esri User Conference

## EXTRA-CURRICULAR ACTIVITIES

- Coordinated in organizing International Conference on Smart data, Smart Cites, Smart Governance
- Coordinated in organizing National GIS Day
- Coordinated in organizing National Remote sensing day

## M.Tech SEM I

1. Mapping & Analysing Social and environmental effects of open waste dumping in the various wards of Ahmedabad, Gujarat, India using Geospatial Technology. [Click Here For Report](#)
2. Investigating the use of spectral indices for water discrimination in sardar sarovar dam indices : NDWI, MNDWI [Click Here For Report](#)
3. Identification and spectral signature analysis of land use classes in bharuch – ankleshwar. [Click Here For Report](#)

## PROFESSIONAL COURSES / TRAINING

- ❖ Social Sensing, Geospatial Big Data Computing, and Disaster Management State Key Lab of Information Engineering in Surveying, Mapping and Remote Sensing at Wuhan University, China.
- ❖ Machine Learning and Artificial Intelligence for Spatial Analysis
- ❖ Edusat IIRS Course: Basics of SAR Remote Sensing
- ❖ ESRI Spatial Data Science: The New Frontier in Analytics
- ❖ ESRI The Location Advantage
- ❖ ESRI Cartography
- ❖ Geo University Introduction to Remote Sensing
- ❖ **Shree Balaji Group of Construction** (10-02-2019 / 06-04-2019)  
Learned various activities of Building Construction including On-site roles and responsibilities of civil engineer and office work carried out by him to smooth operation on site.

## ACHIEVEMENTS

- ❖ **Finalist** in ESRI Young India Scholarship 2020
- ❖ Stood **second** in the urban and regional information system association's (URISA) university student and young professional digital competition–2020 organized by its vanguard cabinet.
- ❖ Acquired **third position** in the team event of NASA SPACE APPS CHALLENGE 2020, at the bidding center of Vallabh Vidhya Nagar for the theme "Effect of Lockdown on Air Quality and its health impacts." [REPORT](#)

## CONTACT

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 [DIGITAL PORTFOLIO](#)