



PROFILE

TO WORK IN A FIRM WITH A PROFESSION WORK DRIVEN ENVIRONMENT WHERE I CAN ENHANCE MY KNOWLEDGE AND SKILLS FOR MY BETTERMENT AND FULFILMENT OF ORGANIZATIONAL GOALS. I AM PROFESSIONAL AND HIGHLY MOTIVATED CIVIL ENGINEER AND NOW ASPIRING TO BE A GIS ANALYST. I AM FAST LEARNER AND HAVE ABILITY TO COPE UP WITH DIFFERENT SITUATION AND WORK PRESSURE.

DOB: 18TH SEPTEMBER 1995

ADDRESS: 16 SAROVAR AVENUE,
PUNIT MARG,
MANINAGAR,
AHMEDABAD – 380008

SKILLS

GOOD LEADERSHIP QUALITY
MULTITASKING
COMMUNICATION AND GOOD
TEMPERAMENT
PROBLEM SOLVING
ANALYSIS
INQUISITIVE TO LEARN NEW THINGS

LANGUAGE KNOWN

ENGLISH ★★★★★
HINDI ★★★★★
GUJARATI ★★★★★

KUSHAL CHANDRAKANT SHAH

CIVIL ENGINEER AND GIS ANALYST

EDUCATION



MASTERS OF TECHNOLOGY (GEOMATICS)

FACULTY OF TECHNOLOGY
CEPT UNIVERSITY, AHMEDABAD

2019 – 2021



BACHELORS IN ENGINEERING (CIVIL)

SHANKERSINH VAGHELA BAPU INSTITUTE OF
TECHNELOGY, GANDHINAGAR

2013 – 2017



G.S.H.S.E.B (12TH)

SMT. PBD JOSHI HIGHER SECONDARY
SCHOOL, AHMEDABAD

2011 – 2013

WORK EXPERIENCE



SITE ENGINEER

(HIRISE HOSPITALITY PVT LTD IN “HOTEL
PROJECT DOUBLE TREE BY HILTON”)

2017 – 2019

TECHNICAL PROFICIENCY

GIS AND REMOTE SENSING

ARCGIS PRO / ARCGIS DESKTOP

ENVI

ARCGIS ONLINE PACKAGE

GOOGLE EARTH ENGINE

ERDAS

SNAP

POSTGRES

QGIS

PROGRAMMING LANGUAGE

PYTHON

JAVASCRIPT / CSS

OPENLAYERS / SQL

HTML

OTHER SOFTWARE

AUTOCAD

REVIT ARCHITECTURE

MICROSOFT OFFICE SUITE

RESEARCH INTERESTS



MY MAJOR FOCUS IN RESEARCH IS TOWARDS BIG DATA, SPATIAL DATA SCIENCE. I WANT TO EXPLORE THE AREAS WHICH INCLUDES DEVELOPING THE APPLICATION OR WORKING ON REAL TIME DATA FOR DASHBOARD PREPARATION WHICH DISPLAYS DIFFERENT LEVEL OF INFORMATION.

PROFESSIONAL AFFILIATION

- IEEE– GRSS STUDENT MEMBER, GUJARAT CHAPTER, INDIA.
- MEMBER OF INDIAN SOCIETY FOR TECHNICAL EDUCATION.

ACADEMIC AND NON ACADEMIC ACCOMPLISHMENTS

3RD WINNER AT INTERSTATE LEVEL IN NASA SPACE APP CHALLENGE 2020. (REPORT)

RESEARCH PAPER

PUBLISHED PAPER ON TSUNAMI EVACUATION SYSTEM ON COAST OF DIU.

PAPER PUBLISHED IN IJIRST – INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN SCIENCE & TECHNOLOGY|VOLUME 3 | ISSUE 09 | FEBRUARY 2017.

WE HAVE MADE PAPER ON INTRODUCTION OF DIU, AIMS AND OBJECTIVES, PLACES WHICH ARE LIKELY TO GET AFFECTED AT THE TIME OF TSUNAMI.

(PAPER)

PORTFOLIO

SEM - I





SEM - II

SEM - III

DIGITAL PROFILE



CONTACT

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 [Kushal Shah](#)
 [InsightsGIS](#)

NOTABLE ACADEMIC PROJECTS

SEMESTER 1

- “SWACHH BHARAT ABHIYAN FOR VATVA WARD, SOUTH ZONE, AHMEDBAD”, A GIS BASED APPROACH
- INVESTIGATING THE USE OF RATIO VEGETATION INDEX (RVI) AND NORMALIZED DIFFERENCE WATER INDEX (NDWI) IN DIU CITY WITH THE HELP OF OPTICAL REMOTE SENSING.
- IDENTIFICATION AND SPECTRAL SIGNATURE ANALYSIS OF LAND USE CLASSES IN DIU USING OPTICAL REMOTE SENSING DATA

SEMESTER 2

- **GIS FOR GOVERNANCE:** TOWN PLANNING AND LAND MANAGEMENT FOR THE SMART CITY OF GANDHINAGAR.
- **SPATIAL ANALYSIS TECHNIQUES:** USING GEOSPATIAL ANALYSIS TECHNIQUES FOR DELINEATION OF WATERSHED AND WITH THE HELP OF SITE SUITABILITY LOCATING THE BEST SUITABLE SITE FOR WIND FARM IN DAMAN GANGA RIVER BASIN, MAHARASHTRA.
- **SYNTHETIC APERTURE RADAR:** ANALYSING BACKSCATTER RESPONSE AND SCATTERING BEHAVIOUR OF LAND FEATURES USING FREEMAN'S SCATTER DECOMPOSITION, VOLUME SCATTERING INDEX AND SPAN (TOTAL BACK SCATTER POWER/INTENSITY), IN VANCOUVER, CANADA, USING RADARSAT-2.
- **HYPERSPECTRAL REMOTE SENSING:** SPECTRAL ANALYSIS OF EO-1 HYPERION DATA FOR SNOW GRAIN SIZE MAPPING IN A PART OF SAICHEN GLACIER.

SEMESTER 3

- **GEOSPATIAL MODELLING AND APPLICATION:** LAND USE LAND COVER CHANGE MODELLING FOR AHMEDABAD CITY AND ESTIMATION OF AMENITIES FOR POPULATION GROWTH.
- TECHNIQUES OF “WEBGIS AND SERVER ARCHITECTURE” AND “APPLICATION OF PHOTOGRAMMETRY”.

TRAINING AND WORKSHOPS ATTENDED

GIS

- DATA ANALYSIS WITH PYTHON, IBM, COURSERA
- SPATIAL DATA SCIENCE: THE NEW FRONTIER IN ANALYTICS, ESRI (8TH APRIL, 2020)
- 21 DAYS ONLINE QGIS TRAINING PROGRAM USING QGIS, DEPARTMENT OF GEOGRAPHY, SCHOOL OF EARTH SCIENCES, CENTRAL UNIVERSITY OF KARNATAKA, INDIA (13/07/20 TO 02/08/20)
- DO IT YOURSELF GEO APPS, ESRI (23RD AUGUST, 2020)
- MACHINE LEARNING THROUGH GOOGLE COLAB, AMITY UNIVERSITY (12TH JULY, 2020)
- 2020 INTERNATIONAL GEOINFORMATICS ONLINE SUMMER SCHOOL - SOCIAL SENSING, GEOSPATIAL BIG DATA COMPUTING AND DISASTER MANAGEMENT. (24TH AUGUST, 2020 - 2ND SEP 2020)
- GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT, IIRS, ISRO

REMOTE SENSING

- GEOSPATIAL INPUTS FOR ENABLING MASTER PLAN FORMULATION, IIRS, ISRO (27/7/2020–31/07/2020)
- DIGITAL IMAGE ANALYSIS, IIRS, ISRO (17/08/2020–08/09/2020)

OTHER

- SITE ENGINEER, GICEA (4TH JULY– 31ST OCTOBER, 2015)
- PROFESSIONAL AUTODESK AUTOCAD, KHODIYAR CAD CENTER
- AUTODESK REVIT ARCHITECTURE, KHODIYAR CAD CENTER
- CERTIFICATE FOR COMPLETING A PROJECT-BASED TRAINING PROGRAM ON FOUNDATION ANALYSIS.