

RIYA PATEL

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Location: Ahmedabad, India

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EDUCATION

Bachelor of Technology (B.Tech) – Geospatial Engineering

CEPT University, Ahmedabad

2019 – 2023

Relevant Coursework:

- Geographic Information Systems (GIS)
- Spatial Data Analysis
- Urban Planning & Smart Cities
- Remote Sensing

EXPERIENCE

GIS Analyst Intern

Ahmedabad Smart City Development Limited (ASCDL)

Jan 2023 – Jul 2023

- Worked on urban GIS data for Smart City planning projects
- Performed spatial analysis on land-use and infrastructure data
- Created GIS layers for roads, utilities, and public services
- Supported urban mobility and city operations teams using GIS dashboards
- Collaborated with data analysts and city planners

TECHNICAL SKILLS

- GIS
- ArcGIS
- QGIS
- Spatial Data Analysis
- Remote Sensing
- Python for GIS
- SQL (PostGIS)
- Urban Data Analysis
- Dashboard Visualization

PROJECTS

Urban Infrastructure Mapping using GIS

- Developed GIS maps for city infrastructure assets
- Used ArcGIS and QGIS for spatial visualization
- Analyzed urban growth patterns

Smart City Mobility Analysis

- Used GIS and Python to analyze traffic and transport data
- Created spatial dashboards for urban mobility planning

DOMAIN EXPERIENCE

- Smart Cities
- Urban Development
- Urban Mobility

- City Operations
- Spatial Planning

TOOLS & SOFTWARE

- ArcGIS
- QGIS
- PostgreSQL (PostGIS)
- Python (GeoPandas)
- Power BI (GIS dashboards)

CERTIFICATIONS

- GIS Specialization – Coursera
- Remote Sensing & Urban Analytics