

HUSAIN TRIVEDI

GIS & Remote Sensing Analyst | WebGIS Enthusiast

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PROFESSIONAL SUMMARY

GIS fresher with hands-on experience in QGIS, ArcGIS, and remote sensing workflows including NDVI analysis, LULC classification, and terrain mapping. Combines geospatial analysis skills with a working knowledge of full-stack development and DevOps, having built and deployed web applications end to end. Strong research orientation, demonstrated through an independent urban study of Ahmedabad using satellite imagery.

TECHNICAL SKILLS

- **GIS & Remote Sensing:** ArcGIS, ArcGIS Pro, QGIS, Google Earth Engine, Erdas Imagine, Pix4D, LiDAR processing
- **CAD & Mapping:** AutoCAD Civil 3D, MicroStation
- **Programming & Web:** Python (NumPy, Pandas, ArcPy, GeoPandas), full-stack web/app development (Vibe Coding)
- **Other:** AWS (EC2, IAM), Docker, Kubernetes, Jenkins, GitHub Actions, Ansible, Linux, Git, MySQL, research & analysis, technical documentation

PROJECTS

Urban Expansion & LULC Change Analysis of Ahmedabad City (2000–2024) [\[Report\]](#) *Research Project*

- Authored an independent GIS and Remote Sensing research report analyzing 24 years of urban growth and land-cover transformation in Ahmedabad using ArcGIS Pro and QGIS.
- Performed multi-temporal LULC classification (Water, Vegetation, Open Land, Built-up, Agriculture) for 2000, 2008, 2015, 2020 and 2024, and quantified change/transition matrices to track built-up expansion of ~60.9% over the period.
- Conducted terrain analysis (DEM, slope, aspect, hillshade, contour).
- Produced full cartographic outputs, statistical tables, and charts, and compiled findings into a structured project report.

Locallt: At Your Fingertip — Hyperlocal Delivery App *Personal Project*

- Built a Flutter (Dart) mobile app with a Node.js/MongoDB backend for a hyperlocal delivery and store-digitization platform, as a 3-member team.
- Implemented three role-based flows — customer, shop owner, and delivery partner — covering digital storefronts, cart/checkout, coupons, and low-stock alerts.
- Integrated Razorpay payments, Socket.IO for real-time order tracking, and Google Maps API for delivery navigation.

Digital Portfolios Platform – makeportfolios.com [\[Visit\]](#) *Personal Project*

- Built a no-code, web-based portfolio builder that lets users generate a personal portfolio site (bio, skills, projects, experience, contact) through an Add Details → Choose Theme → Publish & Share flow; handled end-to-end product, front-end, and back-end development.
- Designed a tiered subscription model (Free, Starter, Pro) with feature gating across project/skill limits, premium themes, SEO controls, and social-sharing support.

EXPERIENCE

AI Workshop Facilitator — AI Foundations Program, C.U. Shah University *Jan 2026, 3 Days*

- Conducted AI-focused training sessions covering AI fundamentals, vibe coding, and how to build various products using AI, as part of the AI Foundations Program.
- Managed on-site exhibition activities and coordinated with the operations team to ensure smooth setup and execution.
- Actively guided and engaged students throughout the event, contributing to a well-organized and professionally delivered program.

DevOps Intern — Creole Studios, Ahmedabad *3 Months*

- Gained hands-on exposure to CI/CD pipelines, containerization, and cloud/infrastructure practices using tools including Docker, Jenkins, Ansible, and AWS.

EDUCATION

Bachelor of Computer Applications (BCA) — GLS University, Ahmedabad *2023 – 2026*

- CGPA: 7.9 | Specialization: Cloud Computing & DevOps

CERTIFICATIONS & COURSES

- GIS & Geoinformatics — Khagolam Institute of Geoinformatics (12 months, offline, Ongoing)
- WebGIS — Harita Hive (7 months, online, Ongoing)
- Cloud & DevOps Certification — Physics Wallah