

MOHD ANAS KHAN

(GIS Expert/ Analyst)

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GitHub link: <https://github.com/khananas9>

PROFILE

Geography graduate with a Post Graduate Diploma and M.Sc. in Remote Sensing & GIS, bringing over 8 years of professional experience in geospatial analysis and remote sensing. Skilled in land use/ land cover mapping, DEM analysis, 3D building modelling, and GIS-based research, including a thesis project at IIRS, Dehradun, India. Proven ability to lead GIS teams, coordinate with urban planners and technical staff, and provide training to client officials. Proficient in GIS database management, spatial analysis, thematic mapping, and preparing high-quality technical reports and presentations. Strong analytical, research, and interpersonal skills.

EDUCATION

Amity University, Noida, India

Masters of Science in Geoinformatics & Remote Sensing 2014-2016

Jamia Millia Islamia, New Delhi, India

- Post Graduate Diploma in Remote Sensing & GIS. 2013-2014
- Bachelor of Arts, Geography (Hons.), Sociology, Economics. 2010-2013

CERTIFICATION

- **Python and SQL for Data analytics** from Scaler.
- **Research Methodology and Project Management**, Amity University.
- **Conflict Resolution and Management**, Amity University.
- **Self Development and Interpersonal Skills**, Amity University.

SKILLS

Technical: ArcGIS, IGIS, QGIS, ERDAS Imagine, Microsoft Suite (Word, Excel, PowerPoint), PowerBi, Statistics

Code: MySQL, Python, NumPy, Matplotlib, PANDAS

Language: English, Hindi, Urdu

Soft Skills: Problem Solving, Decision Making, Project & Schedule Management, Relationship Management

EXPERIENCE

Organization: Synergy Telematics Pvt. Ltd.

Agra, India

Position: GIS Expert

March 2024 - Present

Handled geospatial data collection, analysis, and interpretation using GIS tools and software. Developed and maintained spatial databases; performed spatial analysis and modelling. Created detailed maps, charts, and technical reports to support planning and decision-making. Provided technical support and training to end-users; managed onsite GIS teams. Collaborated with multidisciplinary teams to deliver project objectives. Identified and implemented improvements to GIS workflows; stayed current with emerging geospatial technologies.

Project Handled: ICCC (Agra Smart City) Client: ASCL, Bharat Electronics, India

Project url: <https://gis.agrasmartcityltd.net/Home/Portal/DepartmentPage>

EXPERIENCE

Organization: Renovision Automation Services Pvt. Ltd.

Agra, India

Position: GIS Expert

March 2023 - February 2024

Handled the acquisition, processing, and interpretation of spatial data using advanced GIS applications. Built and updated geospatial databases; carried out spatial modelling and analysis to support project insights. Generated thematic maps, visualizations, and analytical reports. Delivered user support and capacity-building sessions on GIS tools. Oversaw the coordination of GIS tasks across field teams. Worked in collaboration with planners, engineers, and stakeholders to ensure smooth project execution. Contributed to the refinement of geospatial methodologies and integration of new technologies.

Project Handled: ICCC (Agra Smart City) Client: ASCL, Bharat Electronics, India

Project url: <https://gis.agrasmartcityltd.net/Home/Portal/DepartmentPage>

Organization: Scanpoint Geomatics Ltd.

Dehradun, India

Position: Deputy Project Manager, Sr. Project Coordinator,
Project Coordinator

Dec. 2019 - January 2023

Coordinated and managed GIS projects of varying complexity, supporting concept development, gap assessment, and strategic planning. Collaborated with clients and internal teams to ensure timely delivery and project alignment. Communicated project plans, tracked progress, and resolved issues to maintain workflow. Defined scope and objectives, maintained project documentation, and ensured client satisfaction. Supervised onsite teams and conducted training for junior staff and GIS operators.

Project Handled: ICCC (Dehradun Smart City) **Client:** DSCL , Dehradun, India

Project url: <https://dsclgis.uk.gov.in/GIS/Portal/Home>

Organization: DDF Consultants Private Limited

Raipur, Chhattisgarh, India

Position: GIS Coordinator

Dec. 2018 – Dec. 2019

Contributed to the GIS-based Master Development Plan for Raipur City, including basemap creation and thematic map production. Collected and compiled secondary data from various government departments. Performed QA/QC on survey data to identify gaps prior to GIS integration. Handled data conversion and integration between AutoCAD and ArcGIS platforms. Edited and maintained spatial and attribute data, supported template design, and ensured accuracy in final map outputs.

Project Handled: Formulation of GIS Based Master Plan for Raipur City, Chhattisgarh, Under AMRUT Scheme, **Client:** Urban Development Department, Govt. of Chhattisgarh, Raipur, India

Organization: BSES Rajdhani Power Limited on Payroll of
Neutech Associate

New Delhi, India

Position: Jr. GIS Engineer

Dec. 2016 – Dec. 2018

Executed enterprise-level projects for electricity distribution and asset management leveraging ArcFM Electric data models. Conducted utility network editing, feeder ID generation, and network tracing. Performed geometric network analysis, resolved loops, and verified network joints. Managed change control processes and developed templates and maps for project deliverables.

Project Handled: Electricity Distribution & Asset Management **Client:** BSES Rajdhani Power Ltd.

DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge and belief.