



Viraj Amin | CSPO | CSM | GIS
Consultant & Presales Analyst |
Smart City & PSU GIS Specialist

Ahmedabad

Contact

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- Portfolio -**
<https://aminviraj.github.io/viraj-portfolio/>

About Me

GIS Presales Business Analyst with 2.5+ years of experience in Technical proposals, RFP analysis, and GIS consulting across Smart Cities, Utilities, and Oil & Gas domains.

Certified Scrum Product Owner (CSPO) with expertise in Agile project execution, SDLC coordination, and cost estimation. Proficient in ArcGIS, QGIS, and data modeling with a strong track record of aligning geospatial solutions to client objectives for enhanced ROI and project success.

Professional Skills

- Presales Solution Architecture
- RFP/RFQ/RFI Analysis
- Techno-Commercials
- Government & GIS Advisory
- Business Analysis & GAP Analysis
- Feasibility Study & PoC
- Compliance Matrix & BoQ
- Technical Proposals development
- Requirement Gathering
- SRS & FRS Preparation
- Strategic Planning
- Vendor management

Geospatial Skills

- Data Conversion (Spatial/Non-Spatial)
- Spatial Data Modeling & QC
- Image Processing & Visualization
- Solution Architecture - Open Source Stack
- Open Layers, Geoserver & HTML
- Custom Plugin Development - QGIS
- ArcGIS, ArcGIS Pro, QGIS & Erdas Imagine
- PyQGIS & ArcPy

Education

- Master of Technology - Geoinformatics and Surveying Technology**
Symbiosis International University 2021 - 2023
- Master Of Science - Environment Sciences**
The Maharaja Sayajirao University of Baroda 2019 - 2021
- Bachelor of Science - Environment Sciences**
The Maharaja Sayajirao University of Baroda 2016 - 2019

Professional Experience

Associate GIS Presales Business Analyst - 2.8 Years

Nascent Infotechnology Pvt. Ltd. 06/2023 - Present

- Led pre-sales, RFP/RFQ analysis, and client engagement
- Translated business needs into a feasible GIS solution.
- GIS based PoC, SRS, FRS and solution prototype development.
- Designed GIS workflows and enterprise geospatial data architectures.
- Experienced in ArcGIS, ArcGIS Pro, QGIS. for Urban Development.
- Scoped projects with BoQ, Compliances, milestones, and delivery frameworks.
- Delivered Enterprise GIS solutions using FOSS4G stack.
- Proficient in QGIS, GeoServer, PostGIS, and OpenLayers.
- Prepared techno-commercials & feasibility reports.
- Delivered GIS solutions for PSUs and urban governance
- Developing Technical Proposals and presentations for PSUs.
- Applied Agile, Scrum, and Waterfall for end-to-end SDLC.

Trainee Associate GIS Presales Business Analyst

Nascent Infotechnology Pvt. Ltd. 12/2022 - 06/2023

- RFP Analysis & Project Feasibility.
- BoQ and Compliance Matrix.
- QC of GIS based Property Tax Data.
- Work Breakdown Structure & Project costing.
- GIS analysis and spatial data creation in ArcGIS.

Professional Titles

- CSPO**-Certified Scrum Product Owner *Organization -*
- CSM**-Certified Scrum Master *Scrum Alliance*



Professional Projects

- Worked on enterprise GIS for urban planning and infrastructure mapping & ERP project.
- Created spatial database and asset visualization system.
- Delivered customized GIS-enabled DMS for asset and land management.
- Built GIS-based surveillance system for real-time crime analysis in urban areas.



Achievements

- Youngest Certified Product Owner in the organization.
- Delivered milestone GIS project, for a coal sector Government PSU.
- Designed presales solution for the first Urban Surveillance project.
- Reduced proposal/process turnaround time by 30% via streamlined documentation process.