

Rasani Pavan Kalyan, Project Lead

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PROFILE

Project Lead and Geo spatial Analyst with 7+ years governing complex project lifecycles for advanced mapping and unmanned aerial systems manufacturing. Adept at managing end-to-end project execution, budget estimations, and quality governance for large-scale global deployments. Strong champion of Agile methodologies, resource optimization, and cross-functional leadership for teams of 10+. Built a FICCI Award-winning ROI model; applies robust project governance to mitigate risks, streamline production workflows, and translate high-tech scope into profitable business outcomes.

SKILLS

Project Management	Advanced GIS & AI Analytics
Manufacturing Compliance	Spatial ETL & Automation (FME/Python)
DaaS Administration	

EMPLOYMENT HISTORY

May 2021 — Present

Project Lead - GIS Analyst II , Asteria Aerospace Ltd

Bengaluru

Project Governance & Delivery

- **Project Lifecycle Management:** Governed 10+ high-value projects for global clients (**Jio-bp, Bayer, Syngenta, Mitratel**). Managed end-to-end lifecycle, **Budget Estimation, RFA compliance and Invoicing**.
- **SLA & Performance Metrics:** Designed and enforced **KPIs, KRIs, and SLAs** to mitigate delivery risks, track team velocity, and safeguard project timelines across all the projects.
- **OPEX & Documentation:** Championed **operational excellence (OPEX)** by standardizing **SOPs**. Directed the development of **Python/AI-driven automation** to cut operational latency. Ensured strict compliance with **ISO-aligned data governance** and quality standards across advanced mapping and **UAS manufacturing** scopes.

Key Program Achievements

- **FICCI Federation Award:** Pioneered the execution strategy for a spatial **ROI-assessment model** driving retail market growth for **Jio-bp**.
- **Digital Transformation:** Masterminded the transition of legacy data into high-performance **3D visualizations** for **Coal India/CMPDI**, accelerating stakeholder decision-making.

Sept 2019 — May 2021

SME - GIS Associate, Avineon India Pvt. Ltd

Hyderabad

Project Management: HD Mapping & Navigation

- **Large-Scale Data Program Delivery:** Governed the end-to-end production of **30,000+ km** of HD road datasets. Managed delivery parameters to meet strict sub-meter accuracy for Level 2+ to Level 5 Autonomous Driving across **North America and APAC**.
- **Global Account Governance:** Directed baseline program lifecycles for tier-3 mobility and mapping leaders (**HERE, Grab, Apple Maps**). Enforced technical compliance for complex global road networks.

Quality Governance & Risk Mitigation

- **SLA & Quality Control Leadership:** Served as **Quality Control Lead** governing the validation of **70,000+ km** of spatial data, ensuring **99.9% topological consistency**.
- **Performance Optimization:** Acted as primary **SME**, implementing new validation protocols that increased **first-pass yield by 75%** and boosted team velocity.

EDUCATION

Sept 2014 — Sept 2018

Civil Engineering, Saveetha Institute of Medical and Technical Sciences

Chennai

Technical Honors & Global Recognition

- **IET Global Engineering Award:** Secured **1st Position** in "LCR-Incasso 2016," an international engineering competition conducted by **The Institution of Engineering and Technology (IET), UK**.
- **Triple Academic Excellence Award:** Consistently placed within the top 3% of the academic cohort across 4 years, demonstrating sustained high performance.