MANISH JAGU

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📍 Visakhapatnam, India   in Manish Jagu

🪪 Profile

'Dedicated young professional, currently studying Remote Sensing & GIS, with complementary experience in Civil Engineering'.

A determined and enthusiastic learner with a passion for acquiring new knowledge and skills. Embraces challenges as opportunities for growth and development, demonstrating a relentless pursuit of excellence in all endeavors.

🧠 Skills

GIS
ArcGIS Pro, WebGIS, ERDAS Imagine, QGIS, Leaflet

Programming
Python, Java, C++, HTML, CSS, JavaScript, R, SQL

Modelling
AutoCAD, Autodesk Maya, Blender

💼 Professional Experience

2021 – 2022	**Junior Engineer Trainee**
	Sundar Associates, Kakinada
	Supervised construction activities at Satya Scans in Pithapuram, as a Civil Engineering intern.

📁 Projects

2022 – present	**Spatial Analysis**
	Developed multiple projects focusing on spatial analysis utilizing ArcGIS Pro.
2022 – present	**Web Development**
	Developed multiple projects utilizing various programming languages.
2023	**SIF - Space Hackathon**
	Submitted a project on feature extraction from remote sensing-high resolution (RS-HR) data using artificial intelligence (AI) and machine learning (ML).

🧩 Achievements

GATE 2024
Achieved All India Rank (AIR) 69 in GATE 2024 for Geomatics Engineering.

ECET 2022
Achieved the 57th rank in ECET 2022 for the Civil Engineering paper.

🎓 Education

2022 – 2025	**Bachelor of Technology (B. Tech) in Geo-Informatics**
	Andhra university College of Engineering, visakhapatnam.
	• CGPA - 9.22
	• Relevant coursework in Geographic Information Systems (GIS), Remote Sensing, Spatial Analysis, and Data Visualization.

- Completed projects focusing on the application of geo-informatics in various domains such as environmental management, urban planning, and natural resource analysis.

2019 – 2022   **State Board of Technical Education in Civil Engineering**
Andhra Polytechnic, Kakinada
- Percentage - 95.26
- Relevant coursework in structural engineering, construction management, surveying, and building materials.
- Completed projects focusing on construction techniques, site management, and infrastructure development.

2018 – 2019   **School of Secondary Education**
AMG High School, Parimitadaka
CGPA - 10.0

Certificates

Industrial Training Certificate
Sundar Associates, Kakinada

Certificate of completion
Getting Started with Machine Learning Algorithms

Certificate of completion
Programming with Python 3.X

Certificate of completion
R Programming for Beginners

Certificate of Commitment
Central Vigilance Commission

Courses

2024   **R Programming for Beginners**
Simplilearn

2023   **WebGIS**
Department of Geo-Engineering, Andhra University College of Engineering, Visakhapatnam.

2023   **Getting Started with Machine Learning Algorithms**
Simplilearn

2022   **JavaScript**
Department of Geo-Engineering, Andhra University College of Engineering, Visakhapatnam.

2022   **Programming with Python**
Simplilearn

2022   **Structural Engineering and Concrete Technology Workshop**
Sundar Associates, Kakinada

Interests

Painting
Passionate about artistic expression through drawing, demonstrating a commitment to creativity and visual communication.

Reading Books
Dedicated to continuous learning and knowledge acquisition through extensive reading and research across diverse topics.

Crafting
Proficient in crafting, demonstrating adeptness in creating various handmade items with precision and attention to detail.

Languages

- English
- Telugu
- Hindi