Vinod Dinesh More

[Kalyan, Maharashtra] | [+91 9324528454] | [vinod84.more@gmail.com] | [Vinod More LinkedIn] |

PROFESSIONAL SUMMARY

Motivated Geoinformatics student with 3+ years of experience combining programming expertise with Robotics and IoT. Skilled in Python, geospatial analysis, and remote sensing using tools like QGIS and ArcGIS. Currently pursuing an M.Sc. in Geoinformatics with a strong focus on spatial data processing, web GIS, and machine learning applications for environmental and disaster risk assessment. Previously applied robotics and IoT skills in educational settings, now transitioning to develop smart geospatial solutions for urban planning, disaster management, and sustainable development.

KEY SKILLS

- **Technical Skills**: GIS (ArcGIS, QGIS), Python/R, Remote Sensing, Excel

- **Soft Skills**: Project Management, Research & Analysis, Team Collaboration, Technical Writing

- **Certifications**: [Spatial Data Science – Esri]

PROFESSIONAL EXPERIENCE

GIS Intern
LEA Associates South Asia Pvt. Ltd., [City] | May 2025 – June 2025

- Assisting in GIS-based mapping and database development for road infrastructure projects.

- Working with ArcMap for spatial data management and map creation.

- Supporting the planning and design team by preparing thematic and base maps.

- Contributing to spatial data validation and digitization for transportation planning.

[Robotics Instructor / Python Developer]
[Brightchamps], [Hyderabad, Telangana] | [April/2022 –]

- **Taught** robotics, IoT and Python programming to international students, fostering hands-on learning and problem-solving skills.

- **Developed** a comprehensive Python curriculum integrated with robotics concepts to enhance students' understanding of real-world applications.

- **Led** a small team in curriculum development, designing structured modules to cater to various learning levels and objectives.

[Innovation Engineer]
[Stemrobo], [Noida, Uttar Pradesh] | [May/2022– June/2023]

- **Taught** robotics and Python programming to international school students in India, integrating Raspberry Pi, IoT, and other advanced modules to create innovative robotics projects.

- **Created** innovative Robotic project with python and C++ and assisted Indian Schools for opening Robotics labs and creating projects in collaboration.

EDUCATION

[MSC Geoinformatics]
[Savitribai Phule Pune University], [Pune, Maharashtra] | [2024-2026]

- **Relevant Coursework:** Geospatial Analysis, Remote Sensing, GIS, AI & Machine Learning, Web GIS & Google Earth Engine, Disaster Monitoring.

- **Project (Ongoing):** Developing a **real-time disaster risk prediction and monitoring system** Utilizing **Python, GIS, and Web GIS technologies** to create an **interactive dashboard** for real-time monitoring and early warning alerts.

[B.Sc. Information Technology]
[S.K. Somaiya College , Vidyavihar, Mumbai] | [2019–2022]

- **Relevant Coursework:** Database Management Systems, Programming in Python, Web Development, Data Structures and Algorithms, Software Engineering

PROJECTS

Disaster Risk Prediction and Monitoring System | Python, Raspberry Pi, GIS, IoT (Ongoing)

- **Developing a real-time disaster monitoring system using Raspberry Pi 3, GPS, and multiple IoT sensors (temperature, humidity, soil moisture, gas, ultrasonic) to assess environmental risks.**

- **Collecting and analysing real-time and historical data to predict landslides and floods in Wayanad, Kerala, using machine learning models (Random Forest Classifier) in Python.**

- **Aiming to enhance disaster preparedness by providing automated risk assessments and early warnings for local authorities and emergency response teams.**

ADDITIONAL SECTIONS

- **Languages:** English, Japanese (N5 level completed from Savitribai Phule Pune University; appearing for JLPT N5 in December), Marathi, Hindi