

Pavankumar Suryawanshi

Junior GIS Developer

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🔗 Portfolio

SKILLS

Frontend / Web-Design — JavaScript, ReactJS, HTML, CSS, TypeScript, jQuery, **Analytical Skills** — Spatial Data Analysis, Spatial Data Visualization, Python, PostgreSQL, PostGIS, Geoserver, OpenLayers, MapBox, **GIS & Cartography** — Expertise in ArcGIS Pro and QGIS, for map preparation, spatial analysis, and data management

WORK EXPERIENCE

Junior GIS Developer GISTEC

Dec 2022 – present
Hyderabad, India

- **Developed high-value, interactive GIS web applications** using React.js and Esri's ArcGIS Experience Builder, delivering engaging user experiences and spatial insights.
- **Expertise in open-source GIS solutions**, including PostGIS, GeoServer, and OpenLayers/Mapbox, for creating efficient and customizable web applications.
- **Proficient in GIS analysis and spatial projects**, utilizing QGIS and ArcGIS for advanced spatial analysis and data-driven decision-making.

PROJECTS

Geospatial Technology Project: Plot Monitoring Dashboard

Nov 2024 – present

- Developed a property monitoring application to track plot geometry changes and attribute updates over time, focusing on added and deleted plots in Middle Eastern regions.
- Implemented dual-map visualization with 2D and 3D graphics layers, highlighting plots dynamically across two interactive dashboards for comprehensive spatial analysis.

Geospatial Technology Project: Municipal Tenancy Web Application Enhancement:

Jan 2024 – Nov 2024

- Developed a versatile tenancy application for web and mobile platforms, featuring robust search capabilities by area and rental value, ensuring a seamless user experience across devices.
- Led the development of the mobile version, optimizing UI for smaller screens and integrating map functionality for intuitive area selection, enhancing user engagement and overall experience.

Real-Time Analytics Dashboard

Apr 2024 – Jun 2024

- Developed a real-time application usage monitoring dashboard similar to Google Analytics, which tracks the number of users, registration data, and last usage timestamps for connected applications.
- Worked mainly on the user monitoring part, making sure we collected accurate data about user activity and engagement to understand app performance and user behavior.

Real-Time Data Visualization with Apache ECharts" 🔗

Jul 2023 – Dec 2023

- Developed and maintained the Employ Visit Dashboard chart component using Apache ECharts to provide real-time insights into employee visits.

CERTIFICATES

**Online Course on “Machine Learning to Deep Learning:
A Journey for Remote Sensing Data Classification”** —
Conducted by Indian Institute of Remote Sensing

EDUCATION

M.sc. Geoinformatics,
Symbiosis Institute of Geoinformatics
2021 – 2023 | Pune, India
CGPA - 6.92