Pavankumar Suryawanshi

Junior GIS Developer

Pavansuryawanshi475@gmail.com 7057841107 Hyderabad 500072 Pavankumar Suryawanshi

Portfolio

SKILLS

Frontend / Web-Design — JavaScript , ReactJs , HTML ,CSS , TypeScript, JQuery, **Analytical Skills** — Spatial Data Analysis, Spatial Data Visualization, R programming , Python, PostgreSQL, **GIS Based Softwares** — ArcGIS Pro , ArcGIS Experience Builder, QGIS

PROFESSIONAL EXPERIENCE

Junior GIS Developer Dec 2022 – present
GISTEC Hyderabad, India

- Leveraged React.js and JavaScript for development tasks
- Utilized Apache ECharts for data visualization
- Proficient in working with ARC GIS SDK
- Specialize in frontend development, focusing on API integration for real-time data display

PROJECTS

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.

Geospatial Technology Project: Jan 2024 – Apr 2024
Municipal Tenancy Web Application Enhancement:

- 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.
- Lead 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 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.

Prediction of groundwater potential zones in the Pune District using AHP and MIF technique Dec 2022 – Jun 2023

- Comprehensive datasets, including drainage density, lineament density, land use/land cover, lithology, topographic wetness index, slope, and soil layers, were collected from reliable sources for groundwater potential analysis.
- GIS analysis integrated these datasets using the weighted overlay technique, assigning weights to parameters based on their influence on groundwater occurrence, resulting in a validated zoning map representing various levels of groundwater potential.

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