Jayanth Kumar
GIS Executive

Practical and versatile Civil Engineer with significant experience in drafting, design and structural analysis. Also very much intersted in interdisciplinary skills i.e., Geographical Information System and Remote Sensing.

kumarjayanth55@gmail.com ✉

8667042023 ▢

Tiruchirapalli ◉

linkedin.com/in/jayanth-kumar-1997j in

github.com/Jayanth9710 ⌽

EDUCATION

B.E. Civil Engineering
C.A.R.E Group of Instituions ⬈

07/2015 - 06/2019   *Tiruchirapalli*

Secondary School Examination (X)
Kendriya vidyalaya NO. 1 OFT , Trichy-16 ⬈

05/2012 - 05/2013   *8.0*

All India Senior School Certificate Examination (XII)
Kendriya vidyalaya NO. 1 OFT , Trichy-16 ⬈

05/2014 - 05/2015   *66 %*

Courses

- Physics, Chemistry and Maths with Computer Science (C,C++,SQL &Python)

WORK EXPERIENCE

GIS Planner
CYIENT LTD

11/2020 - 03/2021   *Noida*

Achievements/Tasks

- Creating Vecotr datasets (Road Networks and its adjacent features) for many functionalities i.e. Inventory using ArcGIS and QGIS.
- Handling vector datasets efficiently in both ArcGis and QGIS for Processing.

GIS Executive
VizExperts

11/2019 - 11/2020   *New Delhi, India*

Solution provider in the areas of Operations Monitoring, Planning & Training using 3D Visualization, Simulation, GIS and Audio-Visual technologies.

Achievements/Tasks

- Digitization , ArcGIS , QGIS , AutoCAD and project delivery.
- Acknowledged for achieving targets and for consistency.
- Analysing satellite images, mosaicking rasters, using various raster and vector toolset in both ArcMap and QGIS.

Intern
Public Works Department

12/2017 - 12/2017   *Tiruchirapalli*

Public Works Department is a State government owned organistaion taking incharge of constructing public structures.

Achievements/Tasks

- Site Supervision for concstruction of Chief Engineer Building at Trichy.

SKILLS

Perspicacious   Communication   PostGIS   WebGIS

ArcMap   QGIS   AutoCAD   Primavera

Openlayers   Geoserver   Machine Learning

Front-end Dev

PERSONAL PROJECTS

GIS Based integrated utility management system. (03/2018 - 03/2018)

- Problem statement for Smart India Hackathon 2018 Our proposed solution is to develop a Web GIS based Integrated Utility Management system for Utility Management. The system will enable access to spatial data by all through GUI Interface.

CERTIFICATES

Building Information Modelling (02/2018 - 02/2018) ⬈

A Certificate course conducted by Civil Simplified on ''BIM' Building Information Modelling. Certificate Verification Number : 41910013

Construction Project Management (03/2017 - 03/2017) ⬈

A Certificate course conducted by Civil Simplified on Construction Project management using Primavera tool. www.civilsimplified.com/verify-certificate

Satellite Remote Sensing Based Environmental Applications. (03/2017 - 03/2017)

Certified by ISRO (Karunya University , Coimbatore).

Satellite Remote Sensing and Digital Image Processing (08/2018 - 09/2018)

A certificate was awarded by the NPTEL for completing the 8 week course with a consolidated score of 78 % securing an elite category certificate.

Training (08/2019 - 08/2019)

I Have completed Business Communication Skills and spatial reasoning training at Global Talent Track Pvt Ltd.

WebGIS Development (07/2020 - 10/2020)

A brief idea about opensource web GIS development using Javascript, HTML, Bootstrap, CSS, PHP-AJAX, Geoserver, Mapbox, Openlayers & Leaflet.

LANGUAGES

English
Full Professional Proficiency

Tamil
Full Professional Proficiency

Marathi
Professional Working Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Music   Fictional Novels   Football   Gadgets