

Krishna Lodha

GIS Developer

I'm a GIS Enthusiast who thinks if GIS is used right way it can solve almost all problems in the world. With experience in coding and previous interactions with worldwide clients, I look for all the opportunities that I can grab. Read More about my work, tutorials, blogs, etc. at krishnaglodha.com

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WORK EXPERIENCE

Independent GIS Contractor krishnaglodha.com

2017 - Present

India

Freelance GIS contractor, consultant and corporate trainer

- 90% Success rate on upwork.com.
- Delivered talks in Universities on GIS.
- Recognition in IIT-KGP forum for GIS projects.
- 12000 + subscribers on YouTube programming channel.
- 1000 + enrolled students for Udemey Course.

Full stack GIS Developer GISKernel Technologies LLP

2018 - 2019

Pune, India

Startup focused on developing GIS Applications

- Managing end to end projects including Client communication, Design Documentation, etc.
- Independent lead for projects managing freelancers, clients, internal team.

Jr. Civil Engineer Primaverse Technologies

2017 - 2018

Pune, India

Outsourcing company

- Team lead for 3 clients
- Land Surveying design and development on Autocad
- BIM LOD 300 Modelling on Revit

EDUCATION

Bachelor's Degree in Engineering NDMVP'S KBT COE, Nashik

2012 - 2016

68%

- Project - Economic and structural viability of used Plastic bottle in construction of bricks

TECHNOLOGY STACK

OPENLAYERS

GEOSEVER

DJANGO

DRF

LARAVEL

PYTHON

MAPBOX GL JS

PWA

LEAFLET

ARCGIS API FOR JS

QGIS

ArcPy

GEONODE

TURF.JS

POSTGRESQL

pyqgis

Ionic Framework

Angular

MongoDB

Vue JS

Google Maps API

MapLibre

API Creation

GIT

NGINX

Docker

MapProxy

AWS

RECENT PROJECTS

Field Crew App for JnK Govt. (RMSI)

- Creating Mobile Application for Field crew to update status of multiple projects and BOQs based on logged in user with photos, location including multiple validations working completely in offline mode as well

Farm surveying and billing application For RJ Govt.

- This application contains land information about different owners and depending upon logged in user, people can draw farm boundaries and input the season and crop type. Depending upon this information custom reports can be created and sent to the farm owners to collect water bills
- This application was created using Django framework, Geoserver, Openlayers, Postgres

Complete Web GIS Development Course on Udemey

- One Stop course for GIS professional looking to get into development. This course includes HTML, CSS, JS, BOOTSTRAP4, JS, OPEN LAYERS, GEOSEVER, POSTGRES, PHP/AJAX, LEAFLET, MAPBOX GL JS
- 1000 + students over the globe already enrolled
- 30 + personal trainings done
- 4.7 Rating on Udemey

Geospatial management system

- The task was to create multi level authenticated geospatial content management system, where user can login and do CRUD operations on layers, create maps, export data/maps, etc.
- This application was created using Geonode which uses - PostgreSQL, Geoserver, Mapstore, React, etc.

BIM Model GIS checker for Singapore Govt.

- Automation of BIM Model checker according to Building DC rules , such as having bus stop within 30 m , etc. Create the json which will have all information about building and surrounding lots, etc.
- This application was created using ESRI products such as ArcGIS Pro, ArcPy, Revit, etc.

Real Estate Web + Hybrid Mobile App

- Real Estate Application with suggestion for nearby available properties based on various properties such as School, criminal, employment, Political views. different commute methods, etc.
- This Application was created using Django framework, Mapbox GL JS, Ionic Framework, DRF.