



Arun Prasad R
Sr. GIS Development Consultant
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Objective:

GIS Consultant with 10 years of experience in developing Full Stack GIS Web Applications, Web API Creation, Python Scripting for automation of GIS Tasks and GIS Enterprise Administration. I want to excel in my own niche and to be a part of creating a solution which enriches peoples life through Maps.

Skills:

Software & DB: ArcGIS Enterprise, ArcGIS Desktop, Model Builder, ArcGIS Pro, CityEngine, ArcGIS Server, ArcGIS Online, ArcGIS Portal, GIS Data Modelling, MSSQL, MySQL, PostgreSQL, Post GIS, ArcGIS Runtime

Languages: Javascript, Python, C#, HTML, CSS, SQL, ArcGIS Arcade

Frameworks & Libraries: ArcGIS JavaScript API, ArcGIS REST API, ArcPy, ArcGIS API for Python, ArcGIS Runtime, .Net Web API, .Net WPF Application, .Net Web Application, Leaflet, OpenLayers, React JS, Node JS, OpenStreetMap, Gatsby, GTFS

Hobbies: [My Own Blog](#), Reading Fiction (Big fan of Jack Reacher), Building Side Projects ([Review my GitHub Page](#))

Real-Life Languages: *Tamil* (Native), *English* (Fluent), *Telugu* (Speech-Only), *Hindi* (Speech-Only)

Certifications:



[Esri ArcGIS Web Developer Associate](#)



[Esri ArcGIS JavaScript Speciality](#)



[Esri ArcGIS Desktop Associate](#)

Experience:

GIS Developer & Admin, Qatar Rail, Doha, Qatar April 2022 - Present

Design and Develop GIS Web Apps, Web Services, Automation Scripts and Administrator GIS Enterprise

Major Accomplishments:

- Upgraded the GIS environment to latest ArcGIS enterprise version
- Setup GIS Data Inventory of Utility services for Qatar
- Migrated the GIS infrastructure to Azure DevOps
- Created Journey Planner Application for the Qatar Rail Mobile and Web app
- Create TIMS application for the Qatar Rail internal and vendors to update progress

Sr. GIS Developer, RedLeaf Technologies Pvt. Ltd., Coimbatore, India August 2020 – January 2022

Design and Develop Web Apps, Desktop Apps, Web Services, API's, Console Application using ESRI and Open Source GIS Platform.

Major Accomplishments:

- Managed the existing DevOps infrastructure of BHP Australia using Jenkins and ArcGIS Services
- Created an ArcGIS Runtime 3D Desktop application to simulate Flight path.
- Managed and Developed the Web Application using OpenLayers for Emergency Dispatch Vehicles tracking

GIS Developer, Red Planet Consulting Pvt. Ltd., Chennai, India July 2017 – July 2020

Design and Develop Web App, Web Api, Web Services, Automation Scripts, Console Application to provide solution to spatial problem. Meet client for requirements, create mock-up, design documents and prepare estimates to initialize a project.

Major Accomplishments:

- Created a configurable **3D Web GIS Progress Monitoring** solution using ArcGIS JavaScript Api and WebGL for visualizing and updating road, bridge, dam or any construction progress in 3D.
- Managed and Developed the Web Application and Backend Scripting, API configuration for the prestigious **Nagpur Smart City Project**
- **Saved 120 Man Hours** every month by automating the updation activities for linear projects using a ArcPy based Python script which can split and extend linear lines as per the Web API request
- Build a responsive **Dashboard with complete project breakdown** including 2D and 3D maps for the C-Level leaders of L&T Construction using React JS

System Executive, ESRI India Technologies Ltd., New Delhi, India September 2015 – July 2017

Automating the Data Creation tasks, create tools to assist data creation and Quality control, create, publish and administrate the GIS services from the data. Study RFP, create internal Effort analysis, build POC and showcase the team result in summits and conferences.

Major Accomplishments:

- Created a **underground 3D City Model** of Marina Bay region of Singapore city and published it as a Web application
- Created **Python based tools** for automating 3D City Basemap project for the county of Miami-Dade which saved crucial man hours for the team
- Created a POC of **3D City Model of a UNESCO World Heritage Site** City Engine and presented it on ESRI India User Conference

Education:

B.E Geoinformatics, Anna University,

Chennai, Tamil Nadu, India-609101

July 2012 – April 2015

CGPA: 7.4/10

Diploma in Civil Engineering, Arasan Ganesan Polytechnic,

Sivakasi, Tamil Nadu, India

June 2008 – April 2010

Cumulative Percentage: 89%