

SUMMARY

Geographic Information Systems professional with experience in developing tools and writing PLSQL procedures for performing geographic analysis in web based GIS applications. Expertise includes building models to automate geospatial workflows, web-based mapping application deployment.

TECHNICAL SKILLS

GIS: ArcGIS Desktop (9.x/10.x), ArcGIS Server (9.x/10.x), ArcGIS Business Analyst (10.x), ArcIMS, QGIS, Map Server, ERDAS Imagine, Google Earth, MapInfo, Maptitude
Database: Oracle 11g
Programming: JavaScript, D3.js, Oracle Map Viewer API, Python, ArcObjects VB.NET
Data Analysis: Alteryx, R, MS Excel with Data Analysis
Web Design: HTML, CSS, Bootstrap

EDUCATION

University of Texas, Dallas, TX - May 2014

Master of Science – Geospatial Information Science

Symbiosis Institute of Geoinformatics, Pune, India - May 2007

Post Graduate Diploma in Geoinformatics

Anna University, Chennai, India - May 2005

Bachelors of Engineering in Electronics and Instrumentation Engineering

PROFESSIONAL EXPERIENCE

Tango Analytics
Irving, TX

GIS Developer
July 2014 – Present

- Developed tools for web based mapping application to perform analysis such as viewing and editing geometries, generate spider maps and customer spotting.
- Improved UI for the existing web application to be responsive across various clients.
- Configured geospatial mapping applications for clients which helped to view their existing stores, potential sites for new stores and their market competitors.
- Implemented PL/SQL procedures for generating demographic reports, trade areas, sales forecast model and geospatial editing functionalities.
- Utilized Alteryx for building models, GIS data conversion, data manipulation and geocoding.
- Provided support for bug fixes or enhancements in existing web mapping applications.
- Created GIS dataset for retail competitor location from different sources.

High Mark Credit Information Services Ltd
Mumbai, India

Senior Developer
February 2012 – August 2012

- Designed and implemented zip code proximity mapping workflow using QGIS to improve the accuracy and usability of Indian addresses for the purpose of identity resolution.
- Delivered work order based projects combining underlying bank data with GIS for premier banking clients.
- Assisted in setting up and mentored a GIS team for R&D.

Cybertech Systems and Software, Ltd
Mumbai, India

Senior GIS Analyst
June 2010 - February 2012

- Provided technical support for ESRI Suite of products (ArcGIS Desktop, ArcGIS Server and ArcIMS).
- Created GIS resources with ArcGIS Desktop that can be hosted as a GIS Service in ArcGIS Server.
- Involved in troubleshooting and resolving complex technical issues and the further implementation of desktop and web based GIS solutions for ESRI's client.
- Researched and recommended software changes to the software engineers to significantly improve end user productivity and customer service.

Environmental Management Centre
Mumbai, India

GIS Specialist
September 2008 -May 2010

- Developed a GIS Web Based Project Information Management system for an Infrastructure Development firm with ArcGIS Server.
- Converted CAD data to GIS data, geodatabase creation from spatial and non-spatial data, spatial and attribute editing, digitizing and implement a fully functional ArcGIS Server setup.
- Created maps for a pollution control board for the polluted stretches of a river across a state to devise the environmental status report.

ESRI India Ltd
Mumbai, India

GIS Engineer
January 2007 - September 2008

- Trained key clients to ensure understanding for ArcGIS Desktop and ArcGIS Server.
- Represented ESRI India as ArcGIS Server product specialist at ESRI India User conference 2008.
- Implemented a web based GIS application for banking and financial institution using ArcGIS Server.
- Initiated the pilot projects for the Maharashtra pollution control board for preparing the Zoning Atlas.

ADDITIONAL CREDENTIALS

ACADEMIC PROJECTS

- Mapping Energy Consumption for University of Texas Dallas and representing it using ArcGIS Server and Flex Viewer.
- Developed a tool for ArcGIS Desktop using python to convert all the latitude longitude from the multiple sheets in an excel file to a single point feature class.
- Build a 3 D model for the campus using Arc Scene along with the floor wise information for all the buildings inside the campus.

LEADERSHIP

- Vice President - GIS Student Organization at University of Texas, Dallas.
- Placement coordinator at Symbiosis Institute of Geoinformatics, Pune

ACHIEVEMENTS

- Student assistant for the ESRI International User Conference at San Diego, USA 2013.