

# Harshal Raverkar

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JP Nagar 6th Phase, Bangalore, Karnataka - 560078

## EXPERIENCE

### Sutherland Global Services

Software Engineer

Bangalore, India

Dec 2019 - Present

- I am working as a software engineer to design and implement new software solutions.

### GEOOPSIS - (AEVEX AEROSPACE USA)

Software Engineer

Bangalore, India

Sep 2016 - Dec 2019

- I worked as a software engineer to design and implement new GIS based software solutions.
- Contributed software engineering expertise in the development of products through the software life cycle, from requirements definition through successful deployment.
- Testing software in controlled, real situations before it goes live. Resolving technical issues faced by other team members.
- Participating in daily scrum meetings. Gathering and analyzing information.

### BOP - Philips , Manipal

Intern

Manipal, India

Aug 2015 - Aug 2016

- Worked on internal project of Manipal University. using SoIS Portal project to handle the placement activity, internship information and final thesis presentation activity of student automate by these tools.
- Developed Web application using ASP.NET(3-Tier Architecture) and database using MSSQL.
- All code was reviewed, perfected, and pushed to production.

## SKILLS

- **Programming Language** : C# , WPF , XAML , Java , Angular , NodeJS , JavaScript
- **GIS Packages**: Luciad Developer, Open Layer, Google Maps, CesiumJS
- **Database**: MSSQL, PostgreSQL
- **API**: REST API, Testing Tool - Postman
- **TOOLS**: Visual Studio, IntelliJ IDEA, VS Code, Source Tree, GIT, GITHUB

## EDUCATION

### Manipal University, Manipal

Master of Science Technology in Computing Technology & Virtualization;

Manipal, KA

### RGPV Bhopal

Bachelor of Engineering in Computer Science & Engineering;

Indore, MP

## PROJECTS

### GEOFOCIS DESKTOP

Bangalore, India

Technology Used - WPF, C#, XAML, JAVA, MSSQL || Client - United States Forest Service (USFS)

- GeoFOCIS creates a centralized, accessible web based server to host and fuse platform information with incidents and real-time products using portable mapping software (Luciad). GeoFOCIS product used for ISR(intelligence, surveillance, and reconnaissance) data for analyzing the real time incident and fire data.
- Create tool for draw point, polygon, poly-line on map.
- Adding different raster and vector layers, customize and styling layer data to GeoFOCIS.
- Create shape-file, KML, KMZ file and export files with styling data layer.
- Overlay tools for comparing different vector layer data set.

### GEOFOCIS WEB

Bangalore, India

Technology Used - ANGULAR, NODEJS, POSTGRESQL, JAVASCRIPT, CESIUM-JS || Client - United States Forest Service (USFS)

- GeoFoics web application is used for sharing the maps data and recorded video within organization.
- Using Cesium-JS library to show maps and draw point, poly-line, polygon and using Geo-spatial search option to find mission video.

### INTELLINEWS

Bangalore, India

Technology Used - ANGULAR, NODEJS, POSTGRESQL, JAVASCRIPT, GOOGLE-MAPS API

- IntelliNews is an online map application, where user can define the Region Of Interest (ROI) to get the live news articles, directly to their Facebook and twitter account.

## **SOIS PORTAL**

*Technology Used - C#, ASPNET, MSSQL*

Manipal, India

*Aug 2015 - Aug 2016*

- Handled the internal project of Manipal University. Worked on SoIS Portal, Placement Assistant tools and internship project tracker to handle the placement activity, internship & final presentation information of student automated by this tool.

## **ADDITIONAL EXPERIENCE & ACHIEVEMENTS**

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- Attended the **Geo-Spatial World Forum: GIS Business Conference** in Hyderabad to explore the business in GIS field.
- Certification in "EMC Academic Associate, Information, Storage and Management" — Year 2014
- Attended the **Linux workshop** remotely organized by IIT Bombay.