Prashant Nigam

Experience Summary

An Engineering Professional with more than 6 years of experience in GIS, Java and JavaScript Technologies. Extensive hands on experience in PostgreSQL, Post GIS, Google Maps JavaScript Web API, ESRI JavaScript API, DOJO, Open Layers and web - GIS technologies.

Education and Certifications

- Bachelor of Technology (Electronics & Communication), 2011
- Master of Business Administration (Information Technology), 2017

Technical Skills

GIS Technologies	Open Layers JS API, JS Topology Suite, Leaflet JS API, Google Maps JavaScript Web API, ArcGIS JS API, ArcGIS server, ArcGIS Desktop, ArcGIS Android SDK and Google Maps Android SDK.
Languages	Java, JavaScript
Databases	PostgreSQL, Microsoft SQL Server 2012, Oracle Spatial.
Web Technologies	Angular, JQuery, Dojo, HTML, XML, Servlet, JSP, AJAX, Spring Framework, Hibernate
Mobile Technologies	Android, Cordova
Versioning and Issues Tracking	SVN , JIRA, VSS, GIT

Project Experience

Project Name	**GROSIGHT**
Tools & Technology	Angular 4, JQuery, Open layers JS API, Google Maps JS API
Project Abstract	This application allows users to view water network and do analysis and planning.
Roles and Responsibilities:	As a team member - 1. Creating time slider functionality to see changes in data over time. 2. Creating swipe for comparing data between layers and basemap. 3. Creating directions functionality to help users find optimized route to the field from current location.

Project Name	**AQUATEK**
Tools & Technology	Java , Leaflet JavaScript API, Google Maps JavaScript API
Project Abstract	This application primarily enables user to mark their fields using GIS integration. The application will be integrated with Hydro bio through APIs to deliver 3 reports to the user's viz. Water Usage, Field Health, Virtual probe. The application will have the ability to deliver notifications and alerts to users
Roles and Responsibilities:	As a team member - 1. Creating map page to get fields from user. 2. Creating map page to show field related data fetched from HydroBIO.

Project Name	**MAVEN**
Tools & Technology	ESRI ArcGIS JavaScript API, DOJO, JQuery, .Net MVC
Project Abstract	This application primarily enables user to view the data of parks and assets on the map and see the charts of the various processes in the organization.
Roles and Responsibilities:	As a team member of the project- 1. Design the implementation of the Map page along with the loading of separate layers as a single Dynamic map service on the map. 2. Implemented to Turn on/off the visibility of sub layers of ArcGISDynamicMapService layer. 3. Implement the base map compare and bookmark functionalities. 4. Implemented the module to show the attribute info of feature fetched by the web service at runtime from the database. 5. Creating the charts using Dojo Charts API. 6. Security Configuration for Map services.

Project Name	**Geo-ASHA**
Tools & Technology	REST API, Dojo, JQuery, ESRI JavaScript API , Java
Project Abstract	This applications facilitates viewing and maintenance of highway data for the government and keep a track of the work done on the roads across the state.
Roles and Responsibilities:	As a team member - 1. I worked on the development of the application modules for viewing, editing and administration of the application. 2. Creation of authentication sub modules and user management. 3. Creation of the map viewer with all the necessary tools like buffer, thematic, export.

Project Name	**R-FIELD FIBER**
Tools & Technology	ESRI JavaScript API, Web services, JQuery , Cordova
Project Abstract	The application is an online survey hybrid application for maintenance of the fiber network.
Roles and Responsibilities:	As a team member of the project-. 1. Consuming ESRI Services using ESRI JavaScript API. 2. Real-Time Data fetching and Updating for all the users. 3. User tracking using GPS. 4. Fiber network health tracking through a website using the data fed into the server by the surveyors. 5. Showing pit cross sections on map in the app to update the status for the ducts for network planning and expansion. 6. Providing markers for Breakouts, Loops, Splits, Network Start and Network Ends. 7. Creating Android application using Cordova.

Project Name	**SPATIAL STATISTICAL WEB APPLICATION**
Tools & Technology	Java, REST API, Dojo, JQuery, ESRI JS API
Project Abstract	This application was a multiplatform web application suitable for viewing on Desktop, tablets or smartphones. This was used to view the statistical information through charts of different locations
Roles and Responsibilities:	As a team member of the project, I have 1. Consuming ESRI REST services for showing maps using ArcGIS JavaScript API. 2. Showing statistical data on the map based on user clicked map location. 3. Creating web services for authentication.

Additional Information

- Worked Onsite in Nepal, Tanzania and Singapore.
- Android enthusiast and follower of new introductions in mobile technologies.
- Received multiple quarterly awards for best performance and spot awards.

Project Links

- https://www.land-links.org/project/mobile-application-to-secure-tenure-tanzania/
- https://terraurban.wordpress.com/2014/12/09/citizen-feedback-surveys-using-slb-connect-an-innovative-mobile-phone-based-system/
- http://kathmandupost.ekantipur.com/printedition/news/2015-01-05/land-records-to-go-online-at-kalanki-lro-next-week.html