

DAVID L. ALAGA

5213 B Street, SE
Washington DC 20019
david.alaga@yahoo.com
202.285.1569

davidalaga.com
linkedin.com/in/davidalaga
github.com/dalaga

EDUCATION

- Front End Web Developer NanoDegree: Udacity (Current)
- Studying for SCRUM Master Certification.
- Masters Science Database Administrator (MSDBA): National University (10/08)
- Masters Science Information Systems (MIS/M): University of Phoenix (06/07)
- Masters Certificate-Telecommunications Infor Resource Mgmt– Univ. Hawaii (05/07)
- Masters Certificate - Geographic Information Systems (GIS), University of Palau (10/05)
- BS Electronics Engineering Technology (BSEET): DeVry University, (10/96)
- Various ESRI on-site training and ArcGIS certificates.

TECHNICAL EXPERIENCE

- JavaScript, Angular2, Backbone, KnockoutJS, Ember, Node.js, Grunt
- HTML5, CSS Framework (Bootstrap), GitBash, GitHub,
- AWS, Express, Python 3, Spark, PySpark, DataBricks, MongoDB
- ORACLE, MYSQL, PostgreSQL, MongoDB, ORACLE Apex
- ESRI's ArcGIS 10.x, JavaScript ESRI API, Google Map API

PROFESSIONAL EXPERIENCE

Data Architect & Full Stack Developer, Simple Technology Solutions, Dec 2016 – Present

- Scrum Master training

Full Stack Web Developer, October 2013 – Present

- City of Baltimore, CSI Division to map out incidents and create the ability to analyze the data and watch for trends of certain crimes.
- Jefferson County Fire Department Dispatch log, Beaumont, Texas. Working with Fire chief in GIS driven dispatch system with ability to predict common problems, track workflow and analyze the data.
- Data Analyst, DBA and Web Developer for Ward 7 Voter's Database, curation, warehousing and mining of DC data on voters.
- Consult with local Non-Profit organization in Ward 7 and 8 on optimizing their web pages and analyzing their local membership data.
- Use Python as data extraction, scripting and geoprocessing tool.

Program Manager, VSolvit, LLC, April 2012 - October 2013

- Managed the IDIQ Federal contracts for USDA and HUD in Washington DC / East Coast with a staff of 3.
- Lead and guided the development team in working with customer to deliver GIS features.
- Spearheaded the CMMI process as Quality and Configuration Manager to obtain the first CMMI certifications. Increasing chances to obtain more federal and government work.

GIS Program Manager, Applied Computing Technologies, Sept 2011 – April 2012
(FEMA) Mapping Analysis Center (MAC)

- Managed and maintained the FEMA contract, customers and sub-contractor's relations
- Increased quality of product by 25% delivered by sub-contractors to client.
- Managed the scope, implementation, cost, schedule, communications, monitoring, and resource management for GIS based services through planning.
- Tracked quality assurance, change control, risk management, and process improvement.

GIS System Analyst, PenBay Media, (USDA Rural Development) Jan 2011 – Sept 2011

- Worked on new Rural Development Loans and grants web application that will decrease the amount research time an applicant will have to go through to fill out a form
- Gathered requirements from stakeholders by personal and phone interviews
- Utilized interview notes to create project documentation and create application mashups.
- Used ArcGIS Desktop, ArcGIS Server, ArcSDE Microsoft SQL Server.

GIS Application Developer, Blue Raster LLC, May 2010 – Oct 2010

- Built applications and custom map web services using Adobe Flex and ColdFusion
- Used ESRI's Desktop and ESRI's ArcGIS Server and ESRI's Flex API

ESRI GIS Application Developer (Contractor), Booz Allen Hamilton, Apr 2009 – May 2010

- Developed the GIS module used to identify and track resources in the field.
- Developed GIS applications using ESRI Flex API and ESRI's ArcGIS Desktop Suite.
- System Administrator and SME for ESRI's ArcGIS Server and SDE Oracle Database

GIS Application Developer (Contractor) AT&T, Alpharetta, GA Jul 2008 – Mar 2009

- Developed, Web Applications using Adobe Flex Builder 3 and ESRI's Flex API.
- Built storm module that will alert AT&T Central Offices on how many customers will be affected by an approaching storm. Increasing reaction time by 75%.
- Built supporting module to integrate actions taken to protect and reduce downtime for current subscribers effected by an event. Decreasing outage time by 50%.

System Engineer, American Samoa TeleComm. Authority (ASTCA), Apr 2002 - Jul 2008

- Utilized ArcGIS Desktop, ArcGIS Servers, ArcEngine, ArcSDE
- Built a WAP mobile trouble-call application that reduced the time customer support from 2 weeks to less than an hour.
- Built GIS Geometric Network that alerted trouble call team when an outage has occurred in remote locations on the island utilizing electronic signals from line card.

Broadband Access Network Engineer, Ajilon, Dec 2000 - Mar 2002

System Engineer, Nortel Networks, Nov 1996 - Nov 1999

CAD operator, Intercept Technologies, Inc., Jun 1996 - Oct 1996

Project Manager / Scheduler, Sable Communications, Nov 1992 - Apr 1996

Tele-Communications, United States Marine Corps (USMC), Sept 1984 - Sept 1992