Tim Abiok, M.S | **Developer**

tim.abiok@gmail.com | 434-270-1020 | Norfolk, Virginia | GitHub: a-bi-ok | TS/SCI

Summary

A full-stack application developer with a combined 12 years in GIS/Geospatial Analyses and Application development. Presently dedicated to providing ITIL solutions by leveraging ServiceNow SaaS and PaaS systems with other third-party tools through all phases of the SDLC.

Skills

|  |  |
| --- | --- |
| **Languages & Libraries** | Java, Python, JavaScript, CSS, JELLY, XML, HTML, SQL, PL/SQL, PG/PLSQL, BOOTSTRAP, Maven, JSP, JavaFX, Shell Scripting, Angular JS, Web Services & Java Spring, ServiceNow |
| **Operating Systems** | Linux (Red Hat, Ubuntu, Oracle Linux), MAC, Windows |
| **Development & Testing** | Agile, Unit Testing, OOP, TDD, Debugging, Documentation, Design, Application, CI/CD |
| **Tools & Frameworks** | AWS IaaS & PaaS Systems, ServiceNow SaaS & PaaS Systems, Photoshop, Adobe XD, LucidChart, Docker, GIT, Eclipse, IntelliJ, NetBeans, Visual Studio, ATOM, Oracle RDBMS, MySQL, MongoDB, PostgreSQL, SQL\*Plus and Android Studio |
| **GIS Tools & Others** | ESRI ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, TNT GIS, AutoCAD, QGIS, Open Drone Map, MapInfo, Agisoft, ExifTool |

Work Experience

**ServiceNow Developer**

Booz Allen Hamilton | March 2020 - Present Norfolk, Virginia

* Played multiple key roles through all the stages of the SDLC implementing the ITSM suite including Request, Incident, Problem, Change and Knowledge Management for NAVSEA.
* Led the Implementation of 6 HRSD Applications with 5 deployed and 1 in beta testing including multiple enhancements under a high-pressured scrum cycle leveraging key NOW Platform Capabilities such as Integrations, Platform Security, Portals, Knowledge Management, Workflow automation and Workspaces, while mentoring 4 junior developers and actively collaborating in application design and requirement management.
* As SNOW developer - Solutioned and developed a service request management scoped application integrating with Vertical Knowledge (third party) for a CTIPS Project. Actively participated in the investigation and completion of ServiceNow adaptation SOO. Completed a Proof-of-Concept SN Marketing portal landing page project with request management tools for AC2SP. Actively managed the maintenance and administration of one of Booz Allen’s global development instance. Completed Orlando bug fixes for a DIA CFI Application tallying over 20 documented bug issues under a week.

**Application Developer**

Imagine One Technology & Management, Ltd. | August 2019 - March 2020 Norfolk, Virginia

* Solutioned and automated DevOps procedures through all stages of the SDLC for ServiceNow ITOM and ITSM Applications leveraging scrum, git and other ServiceNow CI/CD tools.
* Collaborated with peers, teams, analysts, and other stakeholders to define and continuously improve product design and system integration requirements.
* Implemented ServiceNow application customizations and 3rd Party application integrations leveraging REST, SOAP, JavaScript, Java, HTML (with jelly and XML), CSS (with Bootstrap), ServiceNow APIs, Angular and other JS frameworks.

**GIS Expert - Remote Consultancy**

AGLON IT | 2013 – 2019

* Furnished clients with Geospatial 2/3D products including published maps, documentation and other GIS products generated from advanced vector/raster geospatial analyses using ESRI ArcGIS services, open-source tools and resources.
* Provided GIS expertise and technical support to clients in the transportation, agricultural and real estate industries through the design and implementation of GIS tools, scripts and workflows including executing GIS software and server installation and configuration.

**Aviation Technician**

US Navy | Fleet Readiness Centre, Mid-Atlantic, Norfolk, Virginia. | 2015 – 2019

* Provided intermediate level test, repair, and calibration of over 650 aviation mission navigation, radar, and communication electronic equipment resulting in the commands 98.8% increase in readiness.
* Provided leadership and technical training for 25 personnel resulting in 100% increase production and overall team efficiency.

**Project Geologist**

Endeavour Mining Corp, Tabakoto & Kofi Projects, Mali. | 2011 – 2013

* Maintained and modified existing relational database and geodatabases through the performance of DB Admin roles for over 60,000 meters of diamond core drill and assay data, while implementing proper sample QAQC protocols.
* Increased Endeavour Mining’s ore reserve by 20% through effective project planning, budgeting, personnel management, sampling, technical analyses/reporting, and logistics management for 6 projects.
* Completed 5 mapping projects scaling 80 sq. km total using field analyses and GIS desktop techniques, including manual digitization, field data implementation and other geo-processing techniques.

**Geospatial Analyst**

Newmont Mining Corp, Africa Operations, Accra, Ghana. | 2007 – 2011

* Developed spatial interpretations from aerial imagery up to a total of ~650 sq.km for over 20 mineral exploration projects utilizing field and desktop mapping tools and techniques including editing large spatial datasets, 2 & 3D (anaglyph) interpretations and field validations processed from SPOT, Quick bird and World View geodatabases including DEM Modeling and Spatial Database maintenance.

Education & Certification

**MS Degree in Software Development.**

Boston University, Metropolitan College, Boston, MA. | *Completed – Aug 2020*

**BS Degree in Geological Engineering.**

University of Mines and Technology, Tarkwa, Ghana. | *Completed – May 2007*

* ServiceNow CSA Certification | ServiceNow CMBD Micro Certification
* CompTIA Security+ Certification
* AWS Certified Developer Associate (*Expected - 2021*)