AZAMUKE DENISH

Practical IT officer and Developer Advocate

PERSONAL DATA

Date of Birth

16th Feb 1998

Nationality

Ugandan

Gender

Male

SKILLS

Project Management   3+ yrs

Enterprise Softwares   3+ yrs

Latex   2+ yrs

Cloud Computing   3+ yrs

Research   3+ yrs

System Administration   2+ yrs

Programming (Python, Java)   2+ yrs

Team building   2+ yrs

Change management   1+ yrs

PROFILE

IT Officer with strong enterprise skills, driven by passion for troubleshooting and giving solutions for IT problems at Enterprise level.

Developer Advocacy, specialized both in automation and adopting latest technologies for the enterprise, experienced in managing enterprise systems and heterogeneous infrastructures. The link between development and operations, comfortable in both.

Customer-oriented and structured method of working, focused on quality and maintainability. Highly motivated to work in a team, both comfortable in big companies as in small teams.

WORK EXPERIENCE

Data Scientist   Jan 2020 - NOW
National Social Security Fund (NSSF) Uganda

A large data analysis and visualization project for making decisions for procuring items for NSSF Uganda. This project limited itself to extraction of data from the source systems at the department of Procurement and Disposal Unit, data cleaning and transformation to make cost effective decisions for the Fund.

- Data collection and extraction
- Data cleaning
- Data transformation
- Enterprise decision making

Technologies include:

- Google forms and survey monkey- for data collection
- Anaconda distribution software package for data extraction, cleaning and visualisation
- Python programming language and Matplotlib library for ploting graphs
- Latex for professional documentation

Achievements include:

- Online record of data
- Informed decision making
- Enterprise research experience

EDUCATION

2016 - 2019

BSc. Computer Science.
Makerere University

Main thematic priority of the bachelor studies was using computational techniques to solve most of the prevailing community problems and hence supporting the industry.

In the undergraduate project, my research limited itself to a mechanism in which Boda boda riders and Motorists borrow fuel and further save their money within the application specifically for fuel. The idea was to give credit fuel service to the users and allow them pay within three days with a small service fee. This innovation (mobile application) addressed the major challenge of not having fuel to start your journey.

Graduated with **Second Class Honors (Upper Division), CGPA of 4.16** out of 5.0

2014 - 2015

Uganda Advanced Certificate of Education (UACE).
St. Mary's ss Kitende

The subjects for this level were: **Physics, Chemistry, Mathemeatics and Subsidiary ICT.** Excelled with **17 points** out of 20 points.

Also Studied lower elementary education: **UCE and PLE**, obtained **top grades**

WORKSHOPS

Azure Infrastructure as a Service

Certificate issued by Microsoft to prove abilities in Exchange online Administration and Configuration

Azure Software as a Service

IT Consultant
Ignition Ventures Limited

Large public service project with the goal to establish a platform for handling of finance processes with a very high number of transactions. Main focus was the migration of legacy data, by assuring data quality and transformation into various formats

- Customer consulting with regard to loading / unloading interfaces
- Definition of requirements for transformation of legacy data
- Implementation of algorithms for data transformation
- Tool development for secure data transport
- Tool development for tests of data quality/interface implementation

Technologies include:

- Standard Linux tools, such as awk, sed, grep
- Python for in-depth data analysis
- Java for transport layers
- IBM DataStage

Achievements include:

- Definition of uniform standards
- Introduction of the standard Linux stack as global toolset for data analysis in project

Junior IT Officer
National Social Security Fund (NSSF) Uganda

Responsible for infrastructure architecture / automaton as well as custom software development on a project for contracts management in a large heterogeneous environment.

- Design and implementation of web based contracts management system
- Incident management and documentation
- Customized tool creation for the contracts management system
- Enterprise software Installation using Windows Deployment Service (WDS)
- Troubleshooting computer systems
- IT system administration
- Customer support in IT related problems
- User training and overall education
- Management of enterprise cloud infrastructure
- Adding/removing users on network and Active directory management
- Introduction to enterprise database configuration and management
- Enterprise research and e-learning

Certificate issued by Microsoft to prove abilities in using enterprise cloud softwares as a service, case study was Azure SaaS for the National Social Security Fund (NSSF) Uganda

Africa Block Chain Conference

A talk on Blockchain technology, preparing Africa for the 4th industrial revolution.
I was part of the team that represented Makerere University in that event held on July 3rd - 4th, 2019 at Kampala Serena Hotel

Online Classes

It is important for me to stay up to date with the newest topics in the field of IT. In DevOps it is also important to have a general overview and a hands-on experience on them. Therefore, besides intense article studies, I also keep myself up to date with online classes.

LANGUAGES

Engilish

Fluent

Lugbara

Fluent

Kiswahili

Intermidiate

Luganda

Intermidiate

Technologies include:

- Service Now for incident management
- Python for custom tool development
- WDS for enterprise software installation
- Git for configuration and documentation versioning
- Google forms for enterprise research
- Oracle databases for database configuration and management
- Fortnet for computer networking

Achievements include:

- Drastically accelerated (20x faster) the contracts follow up process and improved its reliability by introducing dynamic web based contracts management system
- Deployed several softwares in short time to many computers
- Experience in reliable incident management
- Change management skills through user education
- IT research skills

CONTACT

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REFEREES

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Kyeyune Godfrey

Applications Developer, Department of Infromation Technology,
National Social Security Fund (NSSF) Uganda

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