Albert Shirima

Nationality: Tanzanian

Address: Dar Es salaam, Tanzania

Tel: +255 785 561 286

E-mail: agbaraka@gmail.com

Website: https://albertshirima.com

CAREER OBJECTIVE

To succeed in an environment of growth and excellence, and earn a job that provides job satisfaction, self-development and helps me to achieve personal as well as overall organization missions.

EDUCATION

September 2013 - June 2017: Chongqing University of Posts and Telecommunications; Chongqing, China

Bachelor in Computer Science and Technology.
Honorary Certificate for the best final year thesis in School of Computer Science.

September 2012 - July 2013: Tongji University; Shanghai, China

HSK4 Certificate - Chinese Language Studies.

January 2010 - February 2012: Feza Boys' High School; Dar Es Salaam, Tanzania

Advanced Certificate of Secondary Education - Physics, Mathematics and Chemistry.
Certificate of Merits - Best Student in Discipline in 2012.

January 2006 - October 2009: Feza Boys' High School; Dar Es Salaam, Tanzania

Certificate of Secondary Education - Science Studies.

WORKING EXPERIENCE

April 2020 - Present: Senior Operations and Data Management Officer at Dun & Bradstreet Credit Bureau Tanzania Limited

- Managing credit data sharing activities including training, data procurement from providers, data quality analysis and handling credit information report disputes.
- Supervising and monitoring all systems and operations related to data procurement and processing
- Working with the business development and technical teams to analyze business requirements for improving our existing products or developing new products.
- Supervising and testing the entire product development and delivery circle

April 2018 - March 2020: IT & Operations Officer at Dun & Bradstreet Credit Bureau Tanzania Limited
- Designed and built scalable data processing pipelines and analysis tools for internal use and for our clients (financial institutions).
- Advised and assisted clients on credit data reporting to Bank of Tanzania Credit Reference Databank.
- Trained microfinances on activities related to data sharing to Credit Reference Bureaus.
- Provided technical support for our products to our business team and our clients.

November 2017 - February 2018: Software Developer at Dukani Technologies Limited
- Designed and implemented user interfaces for various company's projects such as Dukani website and Dukani Accounting Application and other internal projects.
- Researched tools, concepts and technologies that could assist solving day to day challenges.

PROFESSIONAL SKILLS

Data Engineering & ETL: Golang, Badger Key Value store
Data Analysis & Reporting: Microsoft Excel & Panda (Python Library).
SQL and NoSQL Databases: Oracle, PostgreSQL, Microsoft SQL Server, Cloud Firestore & Dgraph.
Backend Web Development: Golang, PHP, NodeJS, Python & Java; Laravel and ExpressJS frameworks
Front end Web Development: HTML, CSS & JavaScript; VueJS & NuxtJS Frameworks.
Application Deployment: Docker Container Platform & Google Cloud CI/CD tools.
UI & UX Designing & Prototyping: Figma.
System Administration: Linux Server (i.e. Ubuntu & CentOS), Windows Server, Microsoft Exchange Server and Active Directory.
Machine Learning: Scikit-Learn & Google BigQuery ML.

CURRENT ACTIVITIES

- Working as a Data Analyst and Software Developer.
- Learning and experimenting with technology concepts and paradigms like Continuous Deployment, Machine Learning, Serverless, Cloud services such as Google Cloud Platform, Amazon Web Services and Microsoft Azure.
- Listening to ICT based podcasts focus on discussing industry trends, challenges and solutions.

REFERENCES

Philip Kundaeli	**Silvanus Swai**	**Justine Chanda**
Head IT	M-Pesa Product Manager	Senior Software Developer
D&B Credit Bureau Tanzania Ltd	Vodacom Tanzania PLC	NMB Bank PLC
Tel: +255 715 611 616	Tel: +255 753 158 222	Tel: +255 754 711 258
Email: kundaelip@dnbtanzania.co.tz	Email: silvanus@dukani.biz	Email: jtchanda@gmail.com