

Albert Shirima

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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 project in School of Computer Science.

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

HSK4 Certificate - Chinese Language Studies

January 2006 - February 2012: Feza Boys' High School; Dar Es Salaam, Tanzania

Certificate of Secondary Education - Science Studies.

Advanced Certificate of Secondary Education - Physics, Mathematics and Chemistry.

Certificate of Merits - Best Student in Discipline in 2012.

WORKING EXPERIENCE

February 2021 - Present: Analyst, MSL Application - NCBA Bank Tanzania Limited

- Participated on various projects including M-Pawa core systems and data migration from Kenya to Tanzania, credit data cleaning for Credit Reference Bureau reporting, and Zanzibar VAT implementation in digital channels
- Supporting and advising on all technical activities related to the Credit Reference Bureau, including data analysis, cleaning and monthly reporting.
- Providing 1st Level support on IT related projects, and ensuring resolution of service incidents reported to the Unit, and/or provision of appropriate workarounds for incidents escalated.
- Administering all systems for commercial bank and M-Pawa core systems and applications.
- Analyzing, designing and generating various reports as per requested by operations units.

April 2020 - Feb 2021: Senior Operations and Data Management Officer at Dun & Bradstreet Credit Bureau Tanzania Limited

- Managed credit data sharing activities including training, data procurement from providers (e.g. CRB data submission), data quality analysis and handling credit information report disputes.
- Supervised and monitored all systems and operations related to data procurement and processing.

- Worked with the business development and technical teams to analyze business requirements for improving our existing products or developing new products.
- Led the entire product development and delivery circle

April 2018 - March 2020: IT & Operations Officer - Dun & Bradstreet Credit Bureau Tanzania Limited

- Designed and developed scalable data processing pipelines and analysis tools for internal use and for our clients (financial institutions).
- Assisted and advised clients on data reporting to Bank of Tanzania Credit Reference Databank (CRD).
- Training microfinances on activities related to data sharing to Credit Reference Bureaus.

November 2017 - February 2018: Software Developer - 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, paradigms and technologies that could solve day to day challenges.

PROFESSIONAL SKILLS

Backend Web Development: Golang, PHP, NodeJS, Python & Java; Laravel, Goyave and ExpressJS frameworks

Frontend Web Development: HTML, CSS & JavaScript; TailwindCSS, VueJS & NuxtJS Frameworks.

Application Deployment: Docker Container Platform, Kubernetes, Github Actions and Jenkins.

UI & UX Designing & Prototyping: Figma.

Data Analysis & Engineering: Golang, Microsoft Excel & Panda (Python Library).

SQL and NoSQL Databases: Oracle, PostgreSQL, MySQL, Microsoft SQL Server, Cloud Firestore & Dgraph.

System Administration: Linux Server (i.e. Ubuntu & RHEL), Windows Server, Apache, Nginx and Caddy web servers.

CURRENT ACTIVITIES

- Working as a Software Developer, Open Source contributor and Application Support.
- Exploring new technologies such as distributed database systems, microservices architecture, cloud native application design, various decentralized system implementations.
- Listening to weekly podcasts covering topics such as software engineering techniques, open source softwares, discussions on industry trends and latest news.

REFERENCES

Andrew Badeleya

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