Albert Shirima

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WORKING EXPERIENCE

- **Dun & Bradstreet Credit Bureau Tanzania Limited**
  Senior Officer – Operations and Data Management
  2019.04.01 – Present
  - Supervising credit data sharing activities such as trainings, data procurement from providers, data quality analysis and handling data disputes.
  - Supervising, developing and monitoring systems and operations related to data procurement and processing.
  - Working with the business development team and our global technical team on analyzing business requirements and supervising delivery of new products to the market.

- **Dun & Bradstreet Credit Bureau Tanzania Limited**
  IT & Operations Officer
  2018.04.03 – 2019.04.01
  - Designing and building scalable data processing and analysis tools and products.
  - Providing technical support to customers and our employees.
  - Assisting and advising our clients on credit data reporting to Bank of Tanzania Credit Reference Databank.
  - Preparing and training Microfinances on activities related to data sharing to Credit Reference Bureaus.

- **Dukani Technologies Limited**
  Software Developer
  2017.11.01 – 2018.02.28
  - Designing and implementing user interfaces for various company's projects such as **Dukani website** and **Dukani Accounting Application** and other internal projects.
  - Researching on tools, concepts and technologies that can assist to solve day to day challenges.

PROFESSIONAL SKILLS

- Experience with using **Golang** to build **highly distributed data processing tools and pipelines** for data analysis and ETL processes.
- Building scalable and secure back-end web services and microservices in **PHP**, **Golang**, **NodeJS and Java**, with frameworks such as **Laravel Framework** and **ExpressJS Framework**.
- Front-end web development with **VueJS** and **NuxtJS** framework.
- Building and deploying web applications in cloud providers such as **Google Cloud Platform** and **Amazon Web Services**
- Managing application deployments with **Continuous Integration / Continuous Delivery (CI/CD**) platforms like **Google Cloud Build** and **Google Cloud Container Registry.**
- Working with Container Based Platforms such as **Docker** and **Google Cloud Run** to build and deploy web services.
- Working with **SQL** databases and **NoSQL databases** such as **Oracle Database, PostgreSQL Database, Cloud Firestore** and **Dgraph Graph Database.**
- High level administration of **Windows Server, Microsoft Exchange Server and Active Directory**, **Ubuntu Server** and **CentOS**.

EDUCATION

- **Chongqing University of Posts and Telecommunications (重庆邮电大学), Chongqing - China**
  Bachelor in Computer Science and Technology
  2013.09 - 2017.06
  o Attained **Bachelor of Science in Computer Science and Technology Degree**
  o Attained **Honorary Certificate** for the among of the best final year thesis in School of Computer Science. The title was **Design and Implementation of Interactive Real-time Collaborative Software Development Environment**

- **Tongji University (同济大学) Shanghai - China**
  Chinese Language Studies
  2012.09 - 2013.07
  o Attained HSK4 Certificate

AWARDS

- **AWS Fundamentals: Building Serverless Applications**
  An online non-credit course authorized by Amazon Web Services and offered through Coursera

- **Certificate of Merits**
  Best Student in Discipline - Feza Boys' High School Graduates of 2012

LANGUAGES

- Swahili
- English

CARRIER 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 goals.

CURRENT ACTIVITIES

- Working as a Software Developer and Data Analyst.
- 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 and learning from technology podcasts on how and why companies apply specific technologies to solve their challenges, and also having an informed opinion on industry trends.

REFERENCES

- **Philip Kundaeli**
  Head IT
  Dun & Bradstreet Credit Bureau Tanzania Limited
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  Email: kundaelip@dnbtanzania.co.tz

- **Justine Chanda**
  Senior Software Developer
  NMB Bank PLC
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- **Silvanus Silvester Swai**
  M-Pesa Product Manager – Mecharts & EBU
  Vodacom Tanzania PLC
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