
Takunda Sylvester Dube

Software Engineer

249 Engineering

Harare

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SKILLS

Proficient in enterprise virtualization technologies using VMware and Ubiquity Unifi Enterprise solutions, with expertise in managing core infrastructure systems such as Windows Server (Active Directory) and email servers, including Exchange Server 2013 and 2016. Skilled in developing secure RESTful APIs using Python and Django REST Framework, alongside web development using WordPress. Experienced in Microsoft 365 and Azure Active Directory for efficient user and resource management. Demonstrated cybersecurity expertise using Kali Linux, and adept at providing system support for Postilion and implementing Sophos security systems to ensure robust protection and operational efficiency.

EXPERIENCE

OmniContact International, Harare - *System Developer*

SEP 20 - PRESENT

- Designed and implemented RESTful APIs using Django REST Framework (DRF) to manage business logic, secure user authentication with JWT, and facilitate data exchange with React.js frontends.
- Managed and optimized relational databases using PostgreSQL and MySQL, ensuring data integrity and performance with efficient queries and Django ORM.
- Developed custom backend solutions for specific business needs, such as room booking systems and conflict detection algorithms, while writing unit and integration tests to ensure code reliability.
- Built dynamic, responsive, and user-friendly interfaces using React.js, with reusable components, efficient state management (Redux/React Context API), and seamless API integration.
- Automated deployment pipelines with GitHub Actions and resolved performance bottlenecks in both frontend and backend systems to enhance overall application performance and user experience.

Metbank Limited, Harare- *System and Network Administrator*

JAN 2022 - DEC 2022

- Provided technical support and solutions for operational issues, including T24 core banking system and Postilion, while assisting users via phone, email, live chat, and web teleconference.
- Managed system backups, disaster recovery, and cybersecurity measures, including monitoring network traffic, patching vulnerabilities, and implementing Active Directory and Group Policy for secure resource access.
- Administered DB2 databases, performed maintenance, and monitored uptime for critical banking platforms like mobile and internet banking.
- Ensured secure and efficient IT operations by monitoring LAN/WAN environments, assisting with Microsoft 365 migrations, and maintaining confidentiality and best practices to mitigate security risks.
- Contributed to cybersecurity efforts by staying updated on threats, performing vulnerability assessments, and participating in implementing a Security Incident Response Plan (SIRP).

EDUCATION

University of Zimbabwe, Harare - *Degree*

AUGUST 2019 - DEC 2023

Graduated with a Upper Second Class valuation.

LANGUAGES

- Shona
- English
- French