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# Tinotenda Happy Biningu

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I am a passionate data scientist with strong analytical skills and a deep understanding of data structures and algorithms. Experienced in programming languages such as Python and R. Skilled in data visualization and data mining. Able to work independently and collaboratively in a team setting.

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## Professional Experience

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**Creative Studiosz LLC ( West Virginia,United States)**  
**Software Developer & DevOps**

**07/24 - Present**

- Design, develop, and maintain enterprise-level web applications and RESTful APIs using Java, SpringBoot, and microservices.
- Implement and manage software development design patterns to ensure high-quality and maintainable code.
- Develop solutions with a focus on security, including industry-standard protocols like OAuth.
- Collaborate with stakeholders to understand system requirements and design robust, scalable
- Utilize your expertise in systems design to build effective and efficient applications.
- Work within agile teams to deliver high-quality software on time and within scope.
- Participate in all phases of the agile development process, including sprint planning and retrospectives.
- Develop and maintain automation scripts and tools using Python, Bash, and other scripting languages to streamline development, deployment, and system administration processes.
- Implement and manage containerized environments using technologies like Docker, Kubernetes, and Rancher, specifically in relation to AI workloads.
- Deploy and manage machine learning frameworks such as TensorFlow and PyTorch in production environments.
- Write and maintain clean, scalable, and efficient code in multiple languages including Python, JavaScript, YAML, JSON, and Java.
- Design and implement robust messaging protocols, APIs, and SDKs to facilitate communication between systems and services.
- Work with open-source databases, ensuring proper integration with systems and applications.

**Tobacco Sales Limited (Harare, Zimbabwe)**  
**ICT Support & Data Analyst**

**03/24 - 12/24**

As a part-time ICT Support specialist, I played a key role in ensuring the smooth operation of the company's systems, with a strong focus on data analytics. My responsibilities included:

- Administering the company's systems, providing technical support and troubleshooting
- Evaluating and optimizing the system's duplicate filter to ensure data accuracy and efficiency
- Managing user access and permissions, including granting rights, activating, and disabling user accounts
- Monitoring and testing VPN connections with banks to ensure secure communication for TSL Pay
- Conducting API integration tests with banks to ensure seamless data exchange
- Tracking the status of processed transactions to identify trends and areas for improvement
- Developed and maintained Power BI dashboards to provide insights and visualizations of key business metrics
- Designed and implemented ETL processes to ensure data accuracy and consistency
- Performed in-depth data analysis to identify trends, patterns, and areas for improvement, providing actionable recommendations to stakeholders
- Worked with various data sources and tools to extract, analyze, and interpret complex data sets, including transactional data, customer behavior, and market trends
- Created data visualizations and reports to communicate findings and insights to non-technical stakeholders, driving business decisions and strategy

**People's Own Savings Bank (Rusape, Zimbabwe)**  
**Bank Teller**

**01/24 - 03/24**

As a part-time Bank Teller at People's Own Savings Bank, I played a key role in delivering exceptional customer service and supporting the bank's operations. My responsibilities included:

- Analyzing and Initializing Bank Rates: I was responsible for analyzing market trends and initializing bank rates to ensure competitiveness and profitability.
- Processing Customer Payments: I processed customers' payments accurately and efficiently, ensuring that all transactions were handled in a timely and secure manner.
- Market Analysis and Business Development: I conducted market analysis to identify business opportunities and developed strategies to drive growth and increase customer engagement.
- Balancing Day-End Activities: I ensured that all day-end activities were balanced and reconciled, including cash handling, transaction processing, and account maintenance.
- Customer Service: I provided exceptional customer service, responding to customer inquiries, resolving issues, and providing product and service information.
- Account Opening and Maintenance: I assisted customers with opening and maintaining accounts, including checking, savings, and loan accounts.
- Transaction Processing: I processed various transactions, including deposits, withdrawals, transfers, and payments.
- Compliance and Risk Management: I ensured compliance with bank policies and procedures, as well as regulatory requirements, and identified and mitigated potential risks.

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## Education

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**Midlands State University**  
**Bachelor's Degree in Data Science and Informatics - Pending**

**03/22 - Current Education**

**Richfield Graduate Institute of Technology**  
**Bachelor of Science in Information Technology - NQF 7**

**02/22 - 09/24**

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## Key Skills

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- Programming languages: Proficient in Python, R, JavaScript, and HTML, with the ability to develop and implement efficient code solutions.
- Data analysis and visualization: Skilled in data visualization, data manipulation, and analytics, with experience in creating interactive and dynamic dashboards to communicate complex data insights.
- Microsoft Office 365: Highly proficient in Microsoft Office 365, including Excel, Word, PowerPoint, and Outlook.
- Web design and development: Experienced in web design and development, with knowledge of Django and other web frameworks, allowing me to create and maintain websites and web applications.
- Database management: Proficient in SQL Server Management Studio, with the ability to design, implement, and manage databases to support business intelligence and analytics.
- Business intelligence and analytics: Skilled in Power BI, with experience in creating and publishing reports, dashboards, and datasets to support business decision-making.
- Data manipulation and modeling: Experienced in data manipulation and modeling, with the ability to extract, transform, and load data from various sources to support analytics and reporting.
- Cloud computing: Familiar with cloud computing platforms, including Microsoft Azure and with the ability to design and deploy cloud-based solutions.
- Data storytelling: Skilled in data storytelling, with the ability to communicate complex data insights and findings to non-technical stakeholders through interactive and dynamic visualizations.
- Collaboration and communication

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## Projects

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### School Management System

- View student information, including profiles, photos, and documents
- Access student results, including exam grades and progress reports
- Generate invoices and make payments online
- Communicate with teachers and school administrators through our message center
- Stay up-to-date with school events and calendar

### Sign Language Translation System

- Translate sign language into spoken language in real-time
- Translate spoken language into sign language in real-time
- Communicate with others through our video remote interpreting (VRI) service
- Access a library of pre-recorded sign language videos for common phrases and sentences
- Learn sign language through our interactive tutorials and lessons

### Financial Report Dashboard using Power BI

- View key financial metrics and KPIs in real-time
- Analyze financial data by department, region, or product
- Identify trends and patterns in financial performance
- Make data-driven decisions with confidence
- Access financial reports and dashboards from anywhere, at any time

### Logistics Management System

- Manage and track shipments and inventory in real-time
- Optimize routes and schedules for improved efficiency
- Automate logistics processes and workflows
- Improve customer satisfaction and experience

## Weather Data Web Scraping

- Access current and historical weather data
- View weather forecasts and predictions
- Analyze weather trends and patterns
- Integrate weather data into your applications and systems
- Receive alerts and notifications for severe weather events

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## Certification

- ISSC2 - Certified Ethical Hacker (CEH)
- Cert. in Cybersecurity for everyone
- IBM Data Science Professional Certificate
- Datacamp Introduction to SQL
- IBM Data Analysis with Python
- IBM Machine Learning with Python
- IBM Database and SQL for Data Science with Python
- IBM Python for Data Science, AI and Development
- IBM Data visualization with Python
- IBM - Applied Data Science Capstone
- Datacamp - Introduction to Github Concepts

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## Interests

- Tennis
- Going to church
- Tutoring

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## References

Lucklard Nudyarabikwa - Bank Supervisor, People's Own Savings Bank  
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Rushon Ganyo - Systems Support Manager, Tobacco Sales Limited  
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