

MULOPWE BANZE BILLY

SUMMARY

I m Banze Billy ,Self-driven and highly skilled Software Engineer with expertise in **Python, Django, PostgreSQL, and REST API development**. A HyperionDev graduate, I have designed and built full-stack web applications, implemented automation, and optimized backend systems for performance and scalability. Transitioning from an accounting background, I bring a strong analytical mindset and problem-solving skills to software engineering. My experience includes developing and deploying real-world projects with authentication, payment integration, and data processing, demonstrating my ability to build secure and efficient software solutions. *I am actively seeking an opportunity to contribute my skills to a dynamic team where I can drive innovation and continue growing as a developer.*

Projects:

[.VIEW THE SITE:](http://banzebilly-ecommerce.co.za) banzebilly-ecommerce.co.za

My Linkedin Account: www.linkedin.com/in/banzebilly1

My github Account: <https://github.com/banzebilly>

EXPERIENCE

Software Engineer, 05/2023 - 12/2023

HyperioDev - jorburg SA Rosebank

BILLY ONLINE STORE DEPLOYMENTS ON AWS ELASTIC BEANSTALK:

This project is a robust full-stack e-commerce web application developed using Django as the backend framework, and PostgreSQL as the primary relational database for efficient and scalable data management.

It offers a secure and seamless online shopping experience with key features including user registration, login, email verification, and password reset. The platform supports product variations, dynamic cart functionality, and a [complete checkout process available to authenticated users](#). [PayPal integration enables secure online payments](#).

Security is a top priority, with SSL certificate support ensuring encrypted communication over HTTPS, and django-honeypot protecting sensitive forms from bots and automated spam.

The application is deployed on AWS Elastic Beanstalk, using Amazon S3 for managing static and media files, and Route 53 for DNS management. The deployment is managed under the "I Am" AWS IAM



CONTACT

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SKILLS

- Python (Advanced – especially with Django)
- database management
- JavaScript (Basic knowledge; working with frontend like React)
- Django & Django REST Framework (Full proficiency in backend web development and API building)
- React (Basic understanding, integration with Django backend)
- Bootstrap (for responsive frontend designs)

✓ Databases:

- PostgreSQL (Primary)
- SQLite (for development and testing)

Web Development & Tools:

- HTML, CSS (Strong)
- Git & GitHub (Version control)
- RESTful API design

✓ DevOps & Deployment:

- Ubuntu Server (deployment and configuration)
- AWS Elastic Beanstalk (for deploying Django applications)
- Docker (basic understanding)

user account to maintain strict access control and deployment consistency.

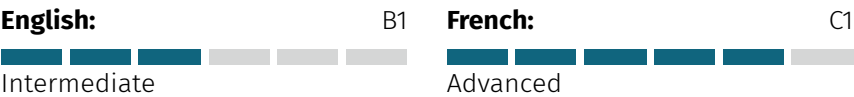
EDUCATION

Scottish Qualifications Certificate, Software Engineering, 2023
HyperionDev Bootcamp SA RoseBank - SA RoseBank

🔧 Software Skills:

- ✓ Programming Languages:
- ✓ Frameworks & Libraries:
- ✓ Databases:
- ✓ Web Development & Tools:
- ✓ DevOps & Deployment:
- ✓ Other Tools:

LANGUAGES



CERTIFICATIONS

- Software Engineering

HOBBIES AND INTERESTS

- coding
- swimming

- Nginx & Gunicorn (for production setups)
- Static files & media management
- collectstatic, environment variables, and settings optimization
- ✓ **Software Engineering Skills:**
 - MVC & MVT architectures
 - Software documentation
 - Agile development principles
 - Unit testing and debugging
 - Security best practices (email verification, token management, honeypots)
- ✓ **Other Tools:**
 - Postman (API testing)
 - Linux CLI / Git Bash (comfortable using basic and intermediate commands)
 - Email marketing automation
 - PayPal & Razorpay integrations