



Michael Irungu

Software Developer



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ABOUT ME

- I am a highly motivated and adaptable individual with a passion for technology.
- I have a background in IT support and software development with a degree in Computer Science .
- I am currently specializing in the .NET world with a passion in the backend of major systems and pursuing a few certifications related to software development.
- I also solve problems using python and sell solutions made with the Django framework.
- Professionally I have created solutions in the world of payment systems and aviation systems built with the .NET framework.
- I have personally worked with a few systems most notably a Market Place website using django, a web scraping utility and an excel to MongoDB migrator made with python.

PROFESSIONAL EXPERIENCE

Junior Software Developer, Softclans Technologies  09/2024 - present | Nairobi, Kenya

- Implement solutions in the aviation industry using .NET and Angular.
- Create and design reports and certificates using DevExpress.
- Implement APIs and API documentation using WSO2 Integrator.
- Automating processes using Bonita(BPM).
- Database administration and management using SQL and PostgreSQL.
- Technically decomposing desired solutions from user stories.
- Testing APIs using Postman.
- Participate in Agile development methods including sprint plannings, daily standups and retros.

Junior Software Developer, PI Consulting Services Ltd.  01/2024 - 07/2024 | Nairobi

- Maintained payment solutions using .NET Core framework, ensuring efficient and secure transaction processing.
- Collaborated with other teams to gather requirements and implement solutions tailored to client needs.
- Implemented backend functionalities and APIs to support various payment processing functionalities.
- Utilized .NET Core features to enhance system performance, scalability, and maintainability.
- Conducted code reviews and ensuring efficient version control management using gitflow.
- Conducted Web Security tests using OWASP ZAP.
- Fixed potential SQL Injection instances and implementing required CSP and CORS headers for security.
- Participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospective meetings.
- Resolved technical issues and optimized application performance through troubleshooting.
- Tested API's using Postman, testing flows and functionalities using Cypress.
- Publishing, building, hosting and deploying new features, changes, fixes and upgrades

SKILLS

Frameworks

- .NET, .NET Core
- Django

Backend, API's and Automation

- ASP.NET [☑](#) Core
- ASP.NET [☑](#) MVC
- WS02
- Django
- Django REST
- DevExpress
- Windows Forms
- Bonita Process Manager
- EF Core

Database Management

- SQL
- SQL Lite
- Postgresql
- MongoDB

Programming Languages

- HTML
- CSS - Bootstrap
- Javascript-Ajax, JQuery, Angular, React, Cypress
- Python
- C#
- Java
- Dart
- SQL

Frontend

- SScore
- Razor Pages
- HTML
- CSS - Bootstrap, SASS
- Javascript
- Redux

Hosting

- IIS

CERTIFICATES

- JavaScript Algorithms and Data Structures [☑](#)
- Responsive Web Design [☑](#)

PROJECTS

Portfolio [☑](#)

My personal Portfolio made with .NET

SokoYako [☑](#)

An online marketplace made with django

ExcelToMongo [☑](#)

A python project that imports excelsheet data into a Mongo DB

Web-Scrape [☑](#)

A website scraping utility made with python.

EDUCATION

Bachelors of Science in Computer Science,
Multimedia University of Kenya [☑](#)

09/2019 - 10/2023 | Nairobi, Kenya

REFERENCES

Felix Ngugi, *Fintech Solutions Expert*, PI Consulting Services Limited
felix.ngugi@pycs.co.ke, 0711593744

Joseph Wambicho, *Software Developer*, Softclans Technologies
wambichojoseph@gmail.com, 0708589564

Bridget Njeri, *Software Developer*, Freelance
bridgetnjeri03@gmail.com, 0769155915

Faith Wanyangu, *Security Operation Centre Analyst*, DTB
faithwanyangu4@gmail.com, 0721973229

ORGANIZATIONS

Kenya National Treasury, Government Digital Payments, eCitizen, IT Support, User Support Attachee

08/2023 - 11/2023 | Nairobi, Kenya

Provided users with support with regards to issues on eCitizen i.e. handling change and updating of details in the system(phone number ,email, name, D.O.B's, gender).

Handled user payments and payment issues i.e. Payment reflection in the system, Payment reversal requests. Led a group of other assistants and taking them through User support.

IT technical support (Hardware and Software configuration and maintenance).

Oluadepe Farms, Android Developer Intern

06/2023 - 09/2023 | Remote, Nigeria

Collaborated remotely with a team of developers to design and develop Android applications for farmers.

Implemented development using React native.

Conducted thorough testing and debugging to ensure the quality and functionality of the applications.

Contributed to the continuous improvement of the development process through code reviews and knowledge sharing.

Nova Pioneer Schools, IT Support Assistant Intern

05/2023 - 07/2023 | Tatu City, Kenya

Provided technical support and assistance to staff members, students, and faculty at Nova Pioneer. I assisted in troubleshooting hardware and software issues, laptops, printers, and network connectivity problems.

Installed and configured software applications, operating systems, and hardware components while conducting regular maintenance and updates on computer systems to ensure optimal performance. I also assisted in managing user accounts, permissions, and access control for various IT systems.

Assisted in conducting technology training sessions for staff members and users. Contributed to IT projects and initiatives to enhance the overall IT support services. Managed school data analysis projects.

Westview Academy,

10/2020 - 03/2023 | Kiambu, Kenya

Volunteer (IT Specialist), French Teacher

Provided technical support and troubleshooting assistance to faculty and staff, including printer and pc maintenance, software installations, and basic network troubleshooting.

Assisted with the creation and organization of school documents.

Managed documentation processes and maintained accurate records of school documents.

Provided administrative support to the school's IT department, including data entry, analysis and management, documents management, and basic IT troubleshooting.

Taught French to the students.