



# MI MICHAEL MAINGI IRUNGU

## SOFTWARE DEVELOPER


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 <https://github.com/Mikeprog2022>  
<https://github.com/maishmike>

## SUMMARY

I am a highly motivated and adaptable individual with a passion for technology.

I have a background in IT support and software development, and a graduate with a degree in Computer Science.

Currently I am specializing in the .NET world with a passion in the backend of major systems.

I also solve problems using python and sell solutions made with the Django framework.

I have worked with a few systems most notably a Market Place website using django, a web scraping utility made with python and gotten real world hands-on experience in payment solutions built with .NET Core.

## PROFESSIONAL SKILLS

- Proficiency in C# the .NET Core framework.
- DB management using MYSQL and SQLite.
- Web Applications proficiency using ASP.NET Core, ASP.NET MVC and Razor Pages.
- Data management in applications with EF Core.
- Version control with git and git flow.
- Web Hosting and Local hosting with IIS.
- Frontend proficiency in Web design /dev and mobile using HTML, JS, JQUERY, Bootstrap/CSS, Flutter with dart.
- Proficient in a variety of coding languages, including Python, Java, SQL, Bash scripting, AJAX scripting.
- Backend proficiency in Django, Django REST, .NET
- Frontend testing using Cypress.

## WORK EXPERIENCE

### PI Consulting Services Limited

Junior Software Developer • January 2024 - July 2024

- 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 git flow.
- 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 complex 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.

### Oluadepe Farms

Remote Android Developer • June 2023 - September 2023

- 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.

## PROJECTS

SokoYako

[github.com/Maishmike/Project-SokoYako](https://github.com/Maishmike/Project-SokoYako)

Web-Scrape

[github.com/Maishmike/Web-Scrape](https://github.com/Maishmike/Web-Scrape)

## EDUCATION

### Bachelor of Science in Computer Science

Multimedia University • 2019–2023

### Secondary School

Thika High School • 2015–2018

## REFEREES

Felix Ngugi

PYCS

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Brian Mbigu

Software Dev.

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Bridget Njeri

Software Developer

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