**RESUME**

Nduguya Collins Waweru

Nairobi, Kenya

+254 741230513

nduguyacollins@gmail.com

# PROFESSIONAL SUMMARY

Versatile and results-oriented Full Stack Web Developer with practical experience in developing scalable, high-performance web applications using modern technologies. Proficient in backend architecture design, intuitive user interface development, and application performance optimization. Highly motivated by continuous learning, innovation, and collaborative problem-solving within Agile development environments.

# TECHNICAL SKILLS

**Programming Languages & Frameworks:**
HTML, CSS, JavaScript, React, Vue.js, Angular, Node.js (Express), PHP, Ruby on Rails, Python (Django), Tailwind CSS

**Databases & ORMs:**
MySQL, MongoDB, PostgreSQL, SQLite, TypeORM

**DevOps & Development Tools:**
Docker, AWS, Azure, Git, GitHub, CI/CD pipelines, RESTful APIs, Postman, Visual Studio Code

**Networking:**
Routing & Switching, Network Security, Automation, Network Troubleshooting

**Operating Systems:**
Windows, Linux (Arch Linux)

**Additional Skills:**
Responsive Web Design, SEO Optimization, Performance Tuning, Cross-Browser Compatibility

**Soft Skills:**
Team Collaboration, Agile/Scrum Methodologies, Analytical Thinking, Effective Communication

# PROFESSIONAL EXPERIENCE

## Software Development Intern – Global Desarts Media

*February 2025 – April 2025*

- Actively participated in Agile sprints, daily stand-ups, and sprint reviews, collaborating closely with designers and developers to deliver user-centered interfaces.

- Developed modern, highly responsive front-end applications using **Angular and Tailwind CSS**, translating UI/UX designs into clean, reusable components.

- Implemented intuitive layouts, accessibility best practices, and consistent styling to enhance user experience across devices and screen sizes.

- Integrated front-end applications with RESTful APIs, ensuring efficient data flow and smooth user interactions.

- Wrote unit and integration tests using **Jest** to validate UI behavior and improve overall application reliability.

- Optimized front-end performance through efficient state management, component optimization, and reduced load times.

## Full Stack Developer – TechHold Developers

*January 2024 – August 2025*

- Developed end-to-end web applications using React/Vue on the frontend and Node.js/Express on the backend.

- Integrated secure payment solutions (M-PESA) and implemented authentication mechanisms using JWT and OAuth.

- Applied MVC architecture and TypeORM to maintain clean, scalable backend codebases.

- Improved application performance through caching strategies, database indexing, and server optimization.

- Collaborated closely with UI/UX designers in Agile sprint cycles.

- Enhanced client visibility and engagement through SEO optimization and web performance improvements.

# EDUCATION

**Dedan Kimathi University of Technology**
Bachelor of Science in Computer Science
*September 2022 – Expected March 2026*

**Kagumo High School**
Kenya Certificate of Secondary Education (KCSE) – **Grade A-**
*February 2018 – March 2022*

**REFERENCES**

● Moses Maweu (CEO, Global Desarts Media) – 0746778298 – mosesmaweu055@gmail.com

● Peter Wanyoike (Senior Developer, TechHold Developers) – 0704127983 –

onenyoike@gmail.com

● Sr. Genericah Muita (Principal, St. Theresa Commercial College) – 0721284804

**KIKUYU**

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# GITHOMO NA GÌTARAGANIA KÌA MAHIDA

Mũthuri wa Full Stack Web Developer arĩa arĩ na ubũrũri na wendo wa gucokeria thirikari cia gũcokia web applications cia wendo mwega, cia gũcokaga mũno na gũtirĩ na ũhoro waku. Arĩ na ũgĩkũyũ waku wa gũcokia backend, gũcokia ma front-end arĩa makoragwo na gũcokia performance ya application mwega. Arĩ na wendo wa gũcũrũka mũno, gũthiũrĩra ũhoro wa innovation, na gũcokeria hamwe na team mu Agile development environments.

# MAHIGA MA TECHNICAL

**Programming Languages & Frameworks:**
 HTML, CSS, JavaScript, React, Vue.js, Angular, Node.js (Express), PHP, Ruby on Rails, Python (Django), Tailwind CSS

**Databases & ORMs:**
 MySQL, MongoDB, PostgreSQL, SQLite, TypeORM

**DevOps & Tools:**
 Docker, AWS, Azure, Git, GitHub, CI/CD pipelines, RESTful APIs, Postman, Visual Studio Code

**Networking:**
 Routing & Switching, Network Security, Automation, Network Troubleshooting

**Operating Systems:**
 Windows, Linux (Arch Linux)

**Mahiga Ma Ĩnyũmba:**
 Responsive Web Design, SEO Optimization, Performance Tuning, Cross-Browser Compatibility

**Mahiga Ma Thirikari:**
 Gukorera hamwe na team, Agile/Scrum Methodologies, Analytical Thinking, Communication ya wendo

# UBŨRŨRI na WIRA

## Software Development Intern – Global Desarts Media

*February 2025 – April 2025*

- Arĩ na wendo wa kugũcokera mu Agile sprints, daily stand-ups na sprint reviews, na gũcokeria hamwe na designers na developers kũrĩa ma interfaces makoragwo na user.

- Agĩcokere front-end applications cia mũno na responsive arĩa ma Angular na Tailwind CSS, kũrĩa ma UI/UX designs acokerwe ma components ma gũcokeria gũtirĩ na ũgũrũ.

- Agĩcokere layouts arĩa atari magũkũyũ, accessibility best practices, na styling ya gũtirĩ na ũhoro waku kũrĩa user experience irĩ mwega mu devices zose.

- Agĩcokere front-end applications hamwe na RESTful APIs kũgĩa data flow irĩ mwega na interactions za user zĩrĩ na gũtirĩ kũhonyora.

- Agĩandike unit na integration tests na Jest kũgĩa UI behavior na gũcokeria reliability ya application.

- Agĩcokere performance ya front-end na efficient state management, component optimization, na gũcokora load times.

## Full Stack Developer – TechHold Developers

*January 2024 – August 2025*

- Agĩcokere web applications end-to-end na React/Vue front-end na Node.js/Express backend.

- Agĩcokere secure payment solutions (M-PESA) na authentication mechanisms hamwe na JWT na OAuth.

- Agĩcokere MVC architecture na TypeORM kũgĩa backend codebases irĩ safi na scalable.

- Agĩcokere performance ya application na caching, database indexing, na server optimization.

- Agĩcokeria hamwe na UI/UX designers mu Agile sprint cycles.

- Agĩcokere SEO optimization na performance tuning kũgĩa clients visibility na engagement irĩ mwega.

# MAHIGA MA GITHOMO

**Dedan Kimathi University of Technology**
Bachelor of Science in Computer Science
*September 2022 – Expected March 2026*

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● Sr. Genericah Muita (Principal, St. Theresa Commercial College) – 0721284804

**WASIFU**

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# MUHTASARI WA KITAALUMA

Mtaalamu wa Full Stack Web Development mwenye ujuzi mpana na mwelekeo wa matokeo, akiwa na uzoefu wa kutengeneza programu za wavuti zinazoweza kupanuka na zenye utendaji wa juu kwa kutumia teknolojia za kisasa. Mtaalamu katika kubuni miundo ya backend, kuunda interface za watumiaji zinazoweza kueleweka kirahisi, na kuongeza ufanisi wa programu. Ana motisha kubwa kutokana na kujifunza endelevu, ubunifu, na kushirikiana katika utatuzi wa matatizo ndani ya mazingira ya maendeleo ya Agile.

# UCHAMBUZI WA KITAALUMA

**Lugha za Programu & Frameworks:**
 HTML, CSS, JavaScript, React, Vue.js, Angular, Node.js (Express), PHP, Ruby on Rails, Python (Django), Tailwind CSS

**Hifadhidata & ORMs:**
 MySQL, MongoDB, PostgreSQL, SQLite, TypeORM

**DevOps & Vifaa vya Maendeleo:**
 Docker, AWS, Azure, Git, GitHub, CI/CD pipelines, RESTful APIs, Postman, Visual Studio Code

**Mitandao:**
 Routing & Switching, Usalama wa Mtandao, Automation, Utafiti na Utatuzi wa Mitandao

**Mifumo ya Uendeshaji:**
 Windows, Linux (Arch Linux)

**Ujuzi Zaidi:**
 Muundo wa Wavuti Unaoweza Kujibika (Responsive Design), Uboreshaji wa SEO, Ufanisi wa Programu, Ulinganifu kati ya Vivinjari Tofauti (Cross-Browser Compatibility)

**Ujuzi wa Kitaaluma/Soft Skills:**
 Kushirikiana na Timu, Mbinu za Agile/Scrum, Fikra za Kichambuzi, Mawasiliano Yenye Ufanisi

# UZOEFU WA KITAALUMA

## Mwanafunzi wa Mafunzo ya Uendelezaji Programu – Global Desarts Media

*Februari 2025 – Aprili 2025*

- Kushirikiana kikamilifu katika Agile sprints, vikao vya kila siku (daily stand-ups), na mapitio ya sprint, ukiwashirikisha wabunifu na watengenezaji ili kutoa interface zinazomlenga mtumiaji.

- Kutengeneza programu za frontend za kisasa na zinazojibika kwa urahisi kwa kutumia Angular na Tailwind CSS, zikitafsiri muundo wa UI/UX kuwa vipengele safi vinavyoweza kutumika tena.

- Kutumia mpangilio wa kiakili, mbinu bora za upatikanaji (accessibility), na mtindo thabiti ili kuongeza uzoefu wa mtumiaji kwenye vifaa na ukubwa wa skrini mbalimbali.

- Kuingiza frontend na RESTful APIs kuhakikisha mtiririko wa data unakuwa rahisi na mwingiliano wa mtumiaji unakuwa laini.

- Kuandika vipimo vya unit na integration kwa kutumia Jest kuthibitisha tabia za UI na kuboresha uaminifu wa programu kwa ujumla.

- Kuboresha utendaji wa frontend kupitia usimamizi mzuri wa state, uboreshaji wa vipengele, na kupunguza muda wa kupakia kurasa.

## Mtaalamu wa Full Stack – TechHold Developers

*Januari 2024 – Agosti 2025*

- Kutengeneza programu za wavuti kutoka mwanzo hadi mwisho (end-to-end) kwa kutumia React/Vue kwa frontend na Node.js/Express kwa backend.

- Kuingiza suluhisho za malipo salama (M-PESA) na kutekeleza mfumo wa uthibitishaji (authentication) kwa kutumia JWT na OAuth.

- Kutumia miundo ya MVC na TypeORM kudumisha backend safi na inayoweza kupanuka.

- Kuboresha utendaji wa programu kupitia caching, uorodheshaji wa hifadhidata (database indexing), na uboreshaji wa seva.

- Kushirikiana kwa karibu na wabunifu wa UI/UX katika mizunguko ya sprint ya Agile.

- Kuongeza uonekano na ushirikishwaji wa wateja kupitia SEO na uboreshaji wa utendaji wa wavuti.

## ELIMU

**Chuo Kikuu cha Teknolojia cha Dedan Kimathi**
Shahada ya Sayansi ya Kompyuta
*Septemba 2022 – Inatarajiwa Machi 2026*

**Shule ya Upili ya Kagumo**
Cheti cha Elimu ya Sekondari (KCSE) – **Daraja A-**
*Februari 2018 – Machi 2022*

## MAREJELEO

● Moses Maweu (CEO, Global Desarts Media) – 0746778298 – mosesmaweu055@gmail.com

● Peter Wanyoike (Senior Developer, TechHold Developers) – 0704127983 –

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