

# Tech Basics, Career Paths & Opportunities

In the Era of Digital Innovation

*Dar es Salaam | 28 March 2026*



# Why This Topic Matters



## Transforming Sectors

*Technology is revolutionising healthcare, education, and business across Tanzania in 2026*



## AI & Digital Tools

*Artificial intelligence, digital platforms, and smart systems create unprecedented possibilities*



## No Coding Required

*You don't need to be a professional programmer to make a meaningful contribution*



## Your Skills + Tech

*Combine your existing professional expertise with basic technology awareness for real impact*



# Who Is This Session For?



Medical Students

*Future healthcare providers ready to embrace digital innovation*



IT Experts

*Technical specialists seeking healthcare applications*



Researchers

*Innovators exploring new technological frontiers*



Biomedical Engineers

*Professionals bridging healthcare and technology*



Clinicians

*Healthcare providers integrating digital solutions*



Professionals

*Individuals from diverse backgrounds ready to contribute*



# Today's Journey

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## Tech Basics Everyone Should Know

*Foundational knowledge without the technical jargon*

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## Exciting Career Paths

*Roles where your expertise meets technology*

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## Opportunities in Tanzania (2026)

*Local initiatives and platforms ready for your talent*

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## Actionable Next Steps

*Concrete actions you can take today*



# Tech Basics: Building Your Foundation

1

## Data and Information Systems

*Understanding how information flows through digital platforms and why it matters for decision-making*

2

## AI & Machine Learning

*Smart pattern recognition that learns from data to support professionals working faster and smarter*

3

## Digital Tools & Platforms

*Practical software and systems transforming how we work, communicate, and deliver care*

4

## Cybersecurity, Privacy & Ethics

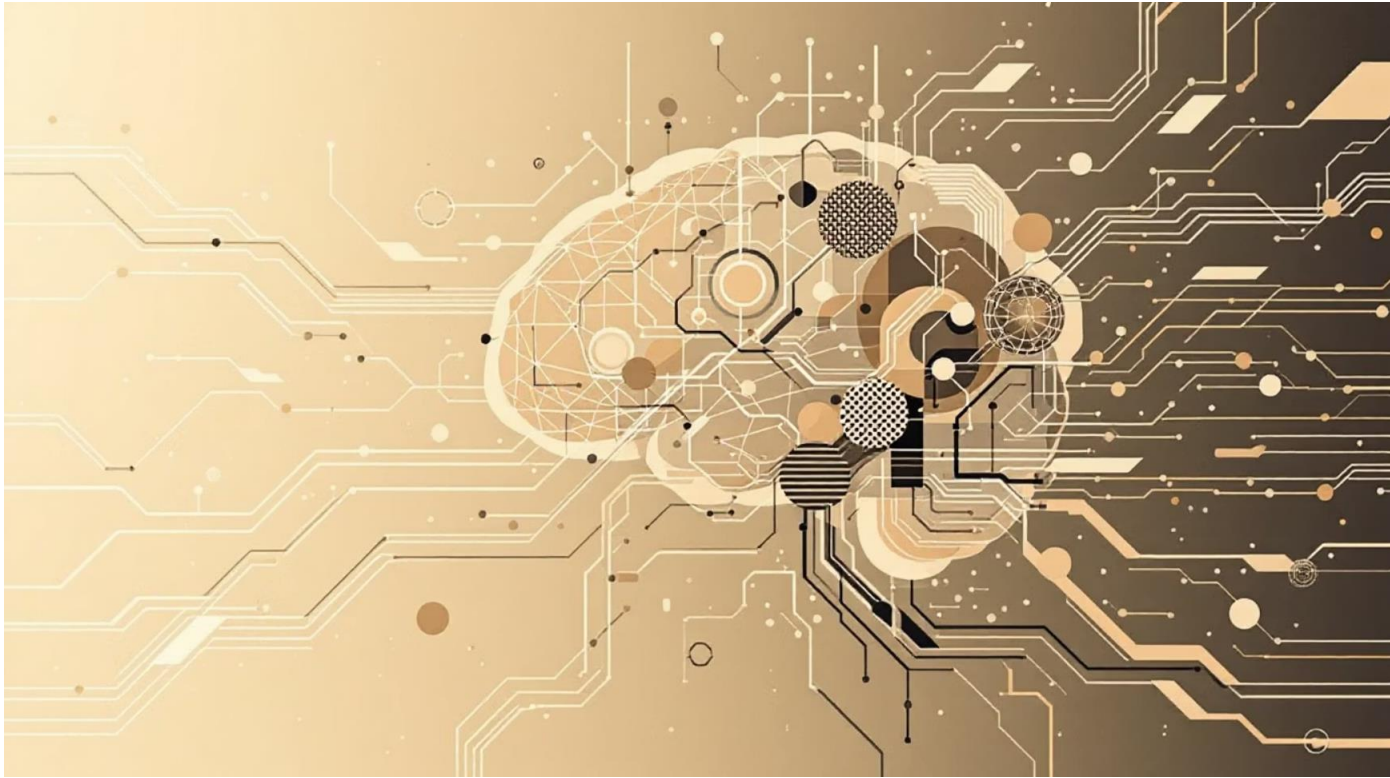
*Protecting sensitive information while maintaining trust and integrity in digital healthcare*



**Key Message: Technology is not only about coding! You can contribute in many ways – as a user, tester, idea giver, clinician, manager, or innovator. Your professional knowledge is the most valuable part.**



# AI Explained Simply



## What Is AI?

*AI is a smart pattern recogniser that learns from large amounts of data to help professionals work faster and smarter.*

*Important: AI is a tool – it supports human judgement rather than replacing it.*



### Pattern Recognition

*Identifies trends and relationships in data*



### Continuous Learning

*Improves through exposure to more information*



### Human Support

*Augments professional judgement and decision-making*





# How to Start Learning Today

Just 15–20 Minutes Daily

*Consistency matters more than intensity. Start small and build momentum*

Free Tools Available

*Begin with accessible platforms like ChatGPT to explore capabilities*

Apply to Your Work

*Try AI with daily tasks or assignments to see immediate benefits*

**"You don't need to code. Many successful people in tech just use tools smartly and bring their own expertise."**

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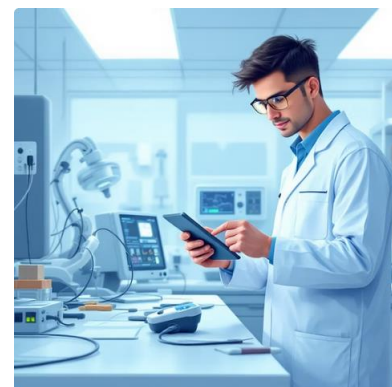


# Exciting Career Paths Await



## Medical & Health Roles

***Clinical informatics and digital health specialists bridging patient care with technology***



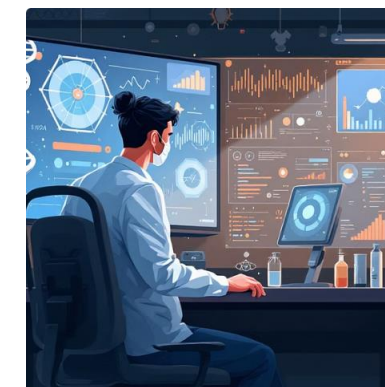
## Biomedical Engineers

***Medical device design and clinical engineering creating life-saving equipment***



## IT Experts

***Health IT security and data analysis protecting critical healthcare information***



## Researchers

***Bioinformatics and AI-related research pushing boundaries of medical knowledge***

***Many hybrid roles combining different skills are growing rapidly in Tanzania's digital health sector.***

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# Local Success Stories

## TanzMED

*Leading digital platform connecting people with healthcare services including appointments and consultations across Tanzania*

## Akili Yangu

*AI-powered solution with chatbot "Nana" providing mental wellness support and guidance*



# Opportunities in Tanzania (2026)

## National Initiatives

- *Digital health and telemedicine programmes expanding access*
- *Tanzania Ventures Lab (TVL) by COSTECH supporting 1,000 startups*
- *MUHAS innovation activities fostering student-led projects*

## Key Events

- *13th Tanzania Health Summit – 5–7 October 2026 at Mlimani City*
- *Networking opportunities with investors and innovators*
- *Showcase of cutting-edge healthcare technology*

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## Your Challenge Today

*Write down ONE thing you will do in the next 7 days:*

- *Try ChatGPT with your work or studies*
- *Join a local innovation group or community*
- *Connect with Tanzania Ventures Lab or MUHAS innovation groups*
- *Register for Tanzania Health Summit (October 2026)*

*You already have valuable skills in your own field. Technology gives you more power to create impact. Tanzania needs innovators from medical and non-medical backgrounds working together.*

## Thank You!

*Questions are welcome! Please share your thoughts or type in the chat.*

## Get in Touch

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