



FutureU Technology Bootcamp 2026

July 2026

I am a purpose-driven business and technology leader with over a decade of experience in business analysis, artificial intelligence (AI), intelligent automation, digital transformation, and strategic execution. With a BCom in Business Management and Marketing, as well as an MBA from the Gordon Institute of Business Science (GIBS), I have built a career focused on solving complex business challenges while creating meaningful impact through innovation and people-centred leadership.

My professional journey spans the telecommunications, consulting, and financial services industries across South Africa and the United Kingdom, where I gained valuable international exposure and experience in leading teams, managing stakeholders, and delivering large-scale transformation initiatives. Throughout my career, I became known for my ability to bridge the gap between business strategy, technology, and human needs, turning ideas into practical solutions that drive measurable results.

Until March 2026, I served as a Manager at First National Bank (FNB), where I led the growth of the business analysis capability within the data and analytics environment. My work focused on enabling smarter decision-making through data-driven insights, process optimisation, and automation. However, beyond corporate success, I realised my true purpose lies in empowering young people and creating opportunities that can transform lives at scale.

This led me to fully dedicate myself to building FutureU, a bold youth development initiative focused on helping learners and students unlock their potential and make informed decisions about their futures. FutureU was born from a deep passion for children and youth development, and a desire to address some of the most critical challenges facing young people today: lack of career guidance, limited exposure to opportunities, fear of STEM subjects, and poor subject-selection decisions that ultimately impact future employability.

As the CEO of Mazwide Enterprises, I continue to lead innovative work at the intersection of technology, education, and social impact. Through FutureU, we are building a movement that aims to bridge the skills gap by exposing young people to future careers, technology, entrepreneurship, and personal development opportunities, particularly in underserved communities. Our mission is not only to inspire the next generation, but to equip them with the confidence, knowledge, and support needed to thrive in a rapidly evolving digital economy.



Ayanda Nxumalo

Purpose-Led Leader | Youth Development Advocate
| Digital Transformation Strategist

Why FutureU is crucial for south Africa

FutureU speaks directly to five Sustainable Development Goals



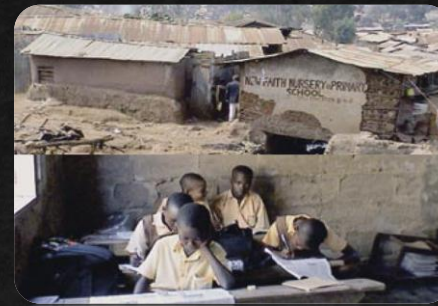
YOUTH UNEMPLOYMENT

South Africa's youth unemployment rate is a crisis, with millions of young people lacking the skills and opportunities to enter the workforce.



PREPARING YOUTH FOR THE FUTURE OF WORK

The world of work is changing rapidly because of AI, Automation, Robotics and Digital Transformation. Many traditional jobs are disappearing whilst new careers are emerging.



BRIDGING THE OPPORTUNITY GAP

Many young people in SA, especially in townships and rural communities, do not have equal access to career guidance, technology exposure, universities, or industry networks



FutureU aims to tackle these barriers head-on, bridging the gap between education, skills development, and career opportunities.

Programme Overview

Venue: Johannesburg, South Africa

Date: 29 June – 4 July 2026

Number of students: 100 High School Students (Grades 10–12)

The FutureU Technology Bootcamp is a 6-day immersive learning experience designed to expose students to future-focused technologies, innovation, entrepreneurship, and career opportunities. Students will participate in hands-on workshops, collaborative innovation challenges, mentorship sessions, and industry engagement opportunities that prepare them for the digital future.

Day 1 to 4: Technology & Future Skills Workshops

Students will participate in interactive workshops facilitated by industry experts, entrepreneurs, and technology leaders.

Topics Covered

- Disruption & Digitalisation
- Cognition & Artificial Intelligence
- Simulation & Emerging Technologies
- Manipulation & Automation
- Transportation & Future Mobility
- Evolution of Industries & Work
- Entrepreneurship & Innovation
- Personal Development & Life Skills
- Education & Career Planning

Day 5: Innovation Challenge

Day 5: Innovation Development

Students will work in teams to develop innovative solutions to real-world challenges using the knowledge gained during the workshops.

Each group will:

- Identify a problem
- Develop an idea or prototype
- Create a presentation/pitch
- Prepare for judging day

Day 6: Presentation Day

Day 6: Final Presentations & Industry Engagement

Teams will present their innovations to a panel of judges made up of industry professionals, educators, and technology leaders. A winning team will be announced and the children will receive certificates of participation.

Industry Panel Discussion

Students will also engage directly with professionals from various industries through a live panel discussion and Q&A session.

This gives learners exposure to:

- Career pathways
- Industry trends
- Future opportunities
- Real-world advice from leaders

Learning Approach

Hands-on Activities

Problem Solving Exercises

Group Discussions

Career Exposure Sessions

Team Challenges



Expected Impact & Outcomes

What Students Will Gain

- Exposure to future technologies
- Innovation and critical thinking skills
- Teamwork and leadership experience
- Entrepreneurial mindset development
- Career guidance and industry insight
- Confidence in presenting ideas

Long-Term Vision

The FutureU Technology Bootcamp aims to bridge the gap between education and the future world of work by equipping young people with the skills, mindset, and exposure needed to thrive in a rapidly evolving digital economy.

Our Goal

To inspire, empower, and prepare the next generation of African innovators, creators, and leaders.



THANK YOU

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