mlab

Empowering SA's youth to build a digital future

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BUILDING A DIGITALLY EMPOWERED TOMORROW

THROUGH

TECH TALENT

TECH STARTUPS

TECH SOLUTIONS

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UNEMPLOYMENT

High Youth Unemployment - 1 in every 3 young people between the ages of 15 and 35 are unemployed (Statistics SA, 2020).

SKILLS GAP

Businesses cannot find suitable tech-talent - with software development being most sought after skill in South Africa (Career Junction, 2020).
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INDUSTRY CHALLENGES

EARLY-STAGE

Limited early-stage start-up support - which results in up to 80% of start-ups failing in the first 5 years due to the team's inexperience, insights, resources and growth opportunities (Disrupt Africa, 2020).

TECHNOLOGY

Limited social impact tech dev - startups, corporates and public sector entities need to digitise operations to resolve societal challenges but fail to find trusted local partners to deliver innovative and scalable solutions at competitive rates.

Career Junction Index – October 2021

Software developers were already in high demand before Covid-19. However, since the pandemic, the demand for tech talent has ramped up by as much as ten times, as companies are forced to go online and businesses significantly increased their digital presence through websites and mobile apps.

Chuma Mxo, June 2021, CHRO South Africa

TRENDING JOBS

Trending jobs provide an indication of positions that have become more popular in the online job market and have seen a recent spike in demand. Here are October's Hot Jobs!

IT Project Administration / Management
Average salary offerings for an intermediate level position:

GP	R 50,184 to R 71,585 p.m. (CTC)
WC	R 45,403 to R 62,086 p.m. (CTC)
KZN	R 39,531 to R 50,760 p.m. (CTC)

Middle / Department Management
Average salary offerings for an intermediate level position:

GP	R 53,259 to R 66,987 p.m. (CTC)
WC	R 42,875 to R 54,294 p.m. (CTC)
KZN	R 45,801 to R 57,710 p.m. (CTC)

Systems / Network Administration
Average salary offerings for an intermediate position:

GP	R 33,545 to R 47,942 p.m. (CTC)
WC	R 27,279 to R 37,724 p.m. (CTC)
KZN	R 26,805 to R 31,529 p.m. (CTC)

MOST WANTED SKILLS

Our latest research shows that the following occupational fields are currently the most sought-after skill sets in the job market:

Software Development

Looking at the demand for software developers over the last year, CareerJunction advertised the highest number of jobs for software developers during October 2021. Demand for programming skills increased by 66% since January 2021.

Middle / Department Management

CUSTOMER EXPECTATIONS ARE RAPIDLY EVOLVING

Growing demand for tech professionals puts extreme pressure on companies and countries to remain globally competitive. (TECHGIG, Sept 2021)
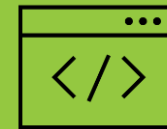
SKILLS GAP REMAINS THE BIGGEST CHALLENGE

The market has a shortage of independent tech talent who can think for solutioning rather than just doing a piece of work which is assigned to them (TECHGIG, Sept 2021)

RAPID PACE OF CHANGE

NEED TO BUILD AGILE TALENT PIPELINE

Ability to adapt to changing circumstances, new technology trends
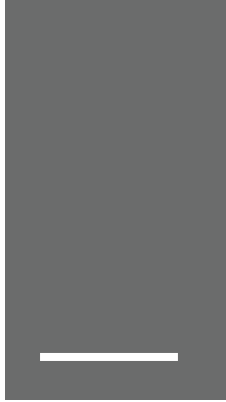
LAG IN TECHNOLOGY ADOPTION

According to Gartner, businesses think that talent shortage is the biggest barrier to the adoption of 64% of new technologies (Daphne Leprince-Ringuet, Sept 2021)
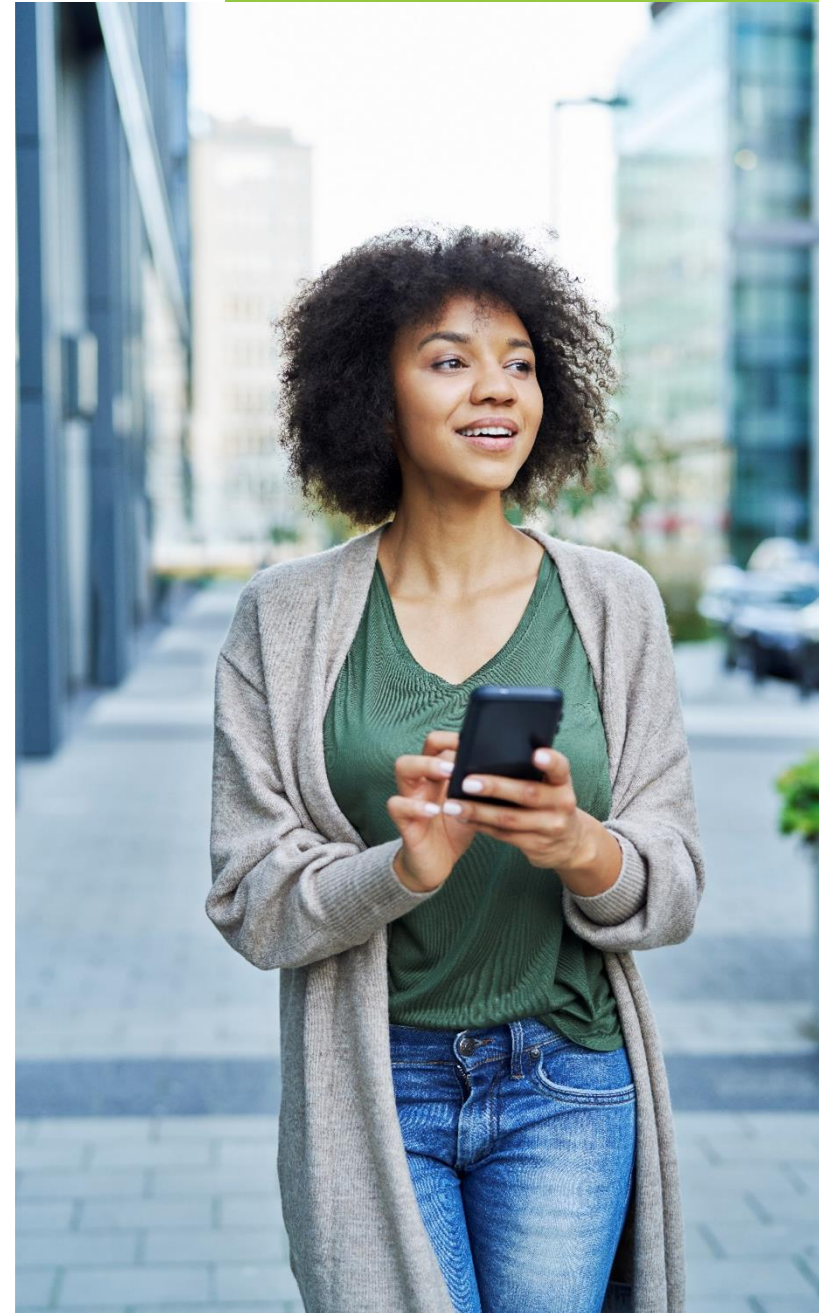
ABOUT US

mLab is a tech-centred business working alongside partners to plug the gaps in the ecosystem to as to help build a vibrant, robust digital economy.

We do this by identifying and nurturing the tech-talent among our youth, supporting budding tech start-ups and their entrepreneurs as well as by creating tech-solutions that brings about change and improve the lives of ordinary South Africans.

TECH TALENT

We identify and nurture tech-talent among our youth in order for them to become sought after ICT employees or entrepreneurs.

TECH STARTUPS

Our Enterprise Development programmes help start-ups to reach a commercially viable business stage quickly in order to pursue further growth opportunities

TECH SOLUTIONS

mLab's Innovation Lab createshigh-tech digital solutions for public and private partners in an affordable yet robust manner.

WHAT WE DO

mLab develops skills, enterprises and technologies within the Mobile Applications Economy. As a result the not-for-profit company has a strong focus on empowering youth and driving inclusive innovation within the ICT sector.

We believe:

"When youth are empowered with the right skills and support they create innovative solutions, that drive our economy forward."

TECH-TALENT

Identifying and nurturing software development talent but building more than developers – solution creators, barrier breakers, problem solvers – focus on building a portfolio of evidence.

6-12 months coding training

Short ICT training & events

CodeTribe Academy

- React Native
- Firebase & Node JS
- HTML & JavaScript
- Scrum Agile & UI/UX
- 4IR Introductions
- Employment & Entrepreneurship

Digital Gen

- Digital Literacy
- Wordpress websites
- AI Chatbots
- No Code Platforms
- 4IR Workshops

TECH-STARTUPS

Helping start-ups to reach a commercially viable business stage quickly, helping them to successfully navigate the transition from seed phase to commercialization – focus getting start-ups to be due diligence ready.

3-12 month SME support

Short term programmes

BuildUp

- Business Clinics
- Mentorship
- Grant/seed funding
- Tech Development Capacity
- mLab facilities, digital resources, and growth opportunities

Enterprise Development

- Boost Up
- AgriTour ZA - RISP
- Twiga Innovation Labs
- Google.org CodeUp
- SAIS 2 Fund
- TIA StartUp Fund

TECH-SOLUTIONS

The mLab Innovation Lab creates digital solutions for public and private partners with a focus on social impact – with a focus on tech-enablement of traditionally non-tech sectors.

1-12 month Industry projects

Ongoing projects

Innovation Lab

- Partner Projects mPowa, ARC, Kathrada
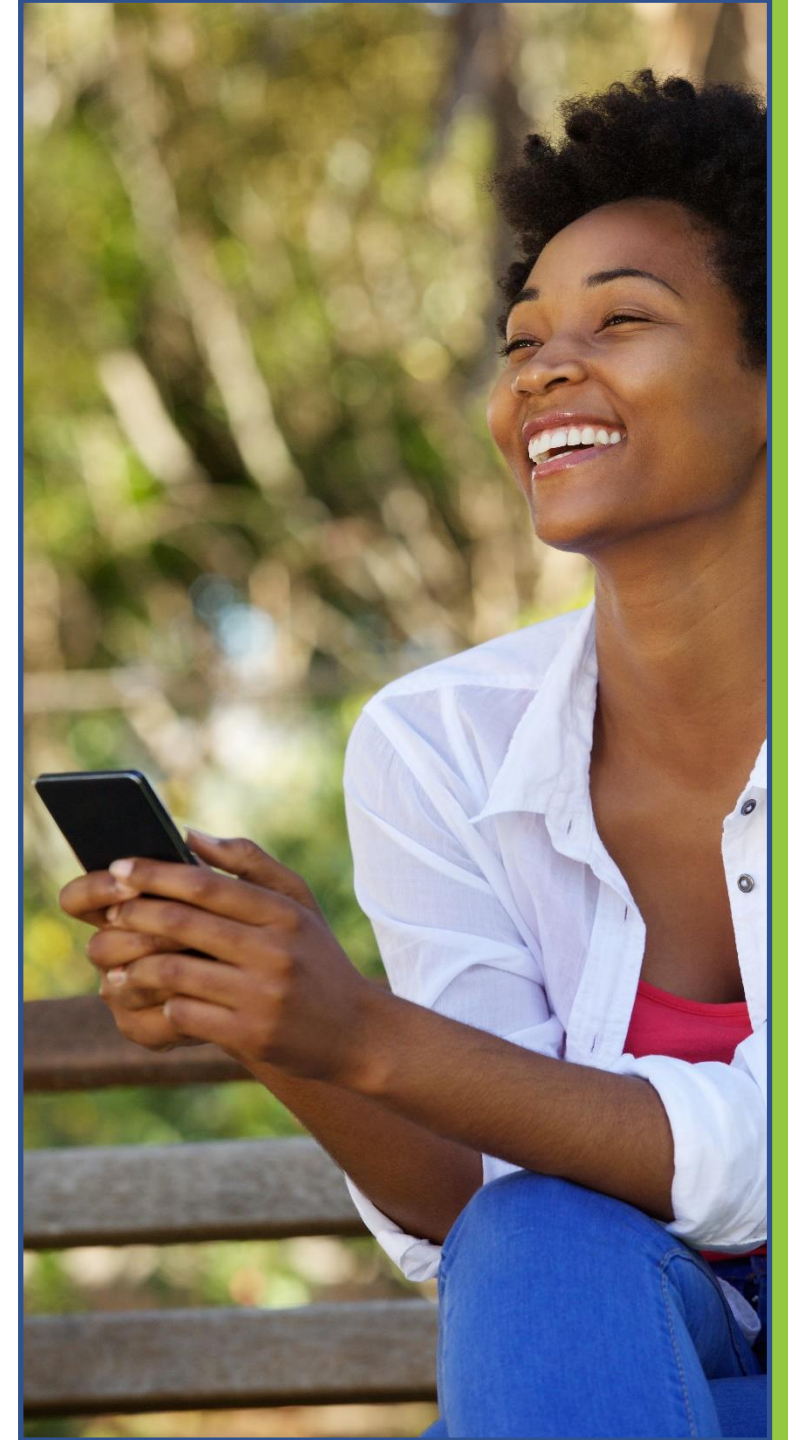- mLab & Beneficiary Projects mLab App

Industry Opportunities

- Open IX Challenges
- Public Protector
- Consumer Goods & Services Ombud

SKILLS ACCELERATOR

STARTUP ACCELERATOR

TECHNOLOGY ACCELERATOR

WHAT DO WE NEED

- More opportunities for youth to experiment and learn

- Access to mentors and business coaches

- We have supplier and enterprise development programmes – now we need **digital talent development** programmes

- Industry to supply work packages / challenges to give youth the opportunity to learn under supervision, build portfolios of evidence and to demonstrate their capabilities, either as employees or entrepreneurs

MLAB TEAM

Mlab staff complement consist of 18 passionate and dynamic young individuals who are determined to drive and transform South Africa's ICT sector, Meet the team.

CONTACT US

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THANK YOU
For the opportunity