



**FNB  
Hackathon  
2024**

# Hackathon Programme 2024

## 25 – 27 October 2024

### Hackathon MC: Karabo Mohale

#### Problem Statements

- **Bridging the Digital Divide in Education** – Many South African learners, especially in rural areas, lack access to digital tools, reliable internet, and e-learning resources. How can we create affordable and scalable digital solutions that ensure equitable access to quality education for all students, regardless of their location?
- **Enhancing Financial Inclusion for Small Businesses** – Many small and micro businesses, particularly in townships and informal settlements, struggle with access to financial services, funding, and banking solutions. How can we develop innovative fintech solutions that empower small businesses to thrive by providing them with financial access, literacy, and tools for growth?
- **Addressing Unemployment through Skills Development** – South Africa has one of the highest youth unemployment rates globally, with a skills mismatch between education and industry needs. How can we design solutions that connect young people with the necessary technical and vocational training, mentorship, and employment opportunities to reduce unemployment and drive economic participation?
- **Improving Healthcare Access in Underserved Communities** – Many South Africans in rural and underprivileged areas face limited access to essential healthcare services, leading to poor health outcomes. What innovative, tech-driven solutions can we develop to ensure that people in these communities have access to affordable and quality healthcare services, including telemedicine, mobile health clinics, and preventive care?
- **Reducing Food Waste and Improving Food Security** – While food waste is a significant problem in South Africa, many people face hunger and malnutrition. How can we create sustainable solutions that minimize food waste in the supply chain, promote food redistribution, and improve food security for vulnerable populations, ensuring access to nutritious food?

Up to 20 mentors from the industry have been brought on board to assist the teams in the development of the apps.

#### Hackathon Synopsis

- Participants will be required to check-in onto the hackathon to indicate how they are coding and share photos of their workspace on social media
- Gifts and prizes will be delivered to homes of randomly selected participants
- Live online sessions will provide updates to the participants from time to time on key information to know Teams will work throughout the weekend in developing their apps against the problem statements of the hackathon
- Mentors will assist the participants throughout the weekend through the hackathon platform and Teams

#### Post Hackathon

- A social drive will encourage participants / teams to submit their apps through a guided mechanism
- Posters bearing “Just Submitted” will be given to participants to post after the submission of their apps

#### Streaming platforms

- App of the Year Website ([www.appoftheyear.co.za](http://www.appoftheyear.co.za))
- App of the Year Facebook & LinkedIn pages



## Day 1: Friday, 25 October 2024

Time	Activity	Lead	Description / Notes
<b>06:00 – 10:00</b>	Check in and networking	All participants	A link will be provided for participants to check in and indicate readiness for participation
<b>LIVE:</b> 11:00 – Hackathon welcome and briefing will be done with all the participants of the Hackathon			
<b>WATCH LIVE:</b> <a href="http://www.appoftheyear.co.za">www.appoftheyear.co.za</a> & AOTY Facebook & LinkedIn			
<b>11:00 – 11:10</b>	Opening	Karabo Mohale – MC	Hackathon context setting and rules of engagement
<b>11:05 – 11:20</b>	Winning AOTY 2012 and the journey since	<b>Hivanish Naidoo – FNB</b> <b>Thapelo Bambo – FNB</b>	The FNB Team that won the first App of the Year Awards
<b>11:20 – 11:40</b>	The importance of building. Building an app, an ecosystem and community	<b>Freddy Mahhumane –</b> CEO, Kasi D	
<b>11:40 – 11:45</b>	It's a hackathon!	<b>Skinny</b>	Entertainment piece
<b>11:45 – 11:50</b>	How this hackathon made me create Guardian Health	<b>Tsitsi Marote – Founder,</b> Guardian Health	Video
<b>11:50 – 12:15</b>	What The Hack?	<b>MC &amp; Tiyani Ngonyama –</b> COO, Geekulcha	Outline of the hackathon schedule and how the process will go; Walkthrough of the backend system
<b>12:15 – 12:30</b>	Presentation of the problem statements	<b>Karabo Mohale – MC</b> <b>Sizwe Zim – MD, Creative</b> Space Media	Inputs and guidance onto the app development
<b>12:30 – 12:45</b>	Online QnA	<b>MC and participants</b>	Addressing any inquiries
<b>12:45 – 13:00</b>	How can we help you?	<b>Omelele Mmbo – Business</b> Development Head, FNB	Product placement for physical and online attendees
<b>13:00 – 13:05</b>	Run it back	<b>Skinny</b>	Entertainment piece
<b>13:00 – 14:00</b>	Lunch for physical attendees	<b>Physical Teams</b>	
<b>Virtual hackathon officially commences</b>			
<b>14:00 – 20:00</b>	Hack-away	<b>Teams</b>	Working with assistance from the mentors
<b>20:00 – 23:59</b>	Deadline to sign up the teams on the website	<b>Teams</b>	Teams must use: <a href="http://www.appoftheyear.co.za/hackathon">www.appoftheyear.co.za/hackathon</a>
<b>23:59 – 00:00</b>	Day one closes	<b>Everyone</b>	Calling it a day

## Day 2: Saturday, 26 October 2024

Time	Activity	Lead	Description / Notes
<b>04:00 - 07:00</b>	Snaps of sunrise from own location	<b>Everyone</b>	Share and post with #FNBAOTYHackathon
<b>09:00 - 09:30</b>	LIVE: Hackathon Check-In Session	<b>Karabo Mohale</b> – MC <b>Xolani Ndlovu</b> – Personal Trainer, Virgin Active	<ul style="list-style-type: none"> <li>Hackathon update (Number of Teams participating, recap of Day 1, recap of process)</li> <li>Exercise session</li> </ul>
<b>09:30 - 09:45</b>	What makes a brilliant app?	Xirimbi Baloyi – Senior Product Manager, App Developer Studios	Presentation from an app development company on what makes an outstanding app
<b>09:45 - 10:15</b>	<b>Panel discussion</b> Turning your app into a viable tech business.	<b>Karabo Mohale – MC</b> <ul style="list-style-type: none"> <li><b>Mukundi Lambani</b> – Founder, Ambani Africa</li> <li><b>Lesego Finger</b> – Founder, Matric Live</li> <li><b>Mukondleteri Dumela</b> – Founder, Angula</li> <li><b>Siphiwe Radebe</b> – Previous Hackathon Winner</li> </ul>	
<b>10:15 - 10:30</b>	Day 2 closing	<b>Karabo Mohale</b> – MC	Wrap up of day 2, encouragement going forward and punting the MS Teams session with Sizwe Zim
<b>10:30 - 14:00</b>	Hack-away	<b>Teams</b>	Working with assistance from the mentors
<b>14:00 - 17:00</b>	Hackathon War Rooms	<b>Teams and mentors</b>	One team at a time – checking if teams are still within the scope of the hackathon
<b>17:00 - 19:00</b>	Hack-away	<b>Teams</b>	Working with assistance from the mentors
<b>19:00 - 20:00</b>	#FNBVibes – Chill out zone with CSM (MS Teams)	<b>Sizwe Zim</b>	Chilled vibes of music and inspirational chats about dreams and visions.
<b>20:00 - 23:59</b>	Hack-away	<b>Teams</b>	Working with assistance from the mentors

- ☒ Live broadcast
- ☐ No broadcast
- ☒ Strictly MS Teams

## Day 3: Sunday, 27 October 2024

Time	Activity	Lead	Description / Notes
04:00 - 07:00	Snapshots of sunrise from own location	Everyone	Share and post with #FNBAOTYHackathon
09:00 - 09:30	<b>LIVE:</b> State of the Hackathon Address	<ul style="list-style-type: none"> <li>• <b>Karabo Mohale</b> – MC</li> <li>• <b>Xolani Ndlovu</b> – Personal Trainer, Virgin Active</li> </ul>	<ul style="list-style-type: none"> <li>• Hackathon update</li> <li>• Exercise session</li> </ul>
09:30 - 10:15	Business Modelling 101 for tech businesses	<ul style="list-style-type: none"> <li>• <b>Mixo Ngoveni</b> – CEO of Geekulcha</li> <li>• <b>Dominique Collette</b> – Alpha Code</li> </ul>	
10:15 - 10:30	The next steps and submission guidelines	• <b>Tiyani Ngonyama</b> – COO, Geekulcha	Seeking advice, finishing off and submitting your app
10:30 - 11:00	Closing address	• <b>Sizwe Zim</b> – MD, CSM	
11:00 - 23:59	Hack-away and submissions	<b>Teams</b>	Working with assistance from the mentors



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