

27-28TH MARCH  
2021



**EMPIRE PARTNER  
FOUNDATION**  
BUILDING AFRICA THROUGH TECH



# Digital Citizen Healthcare Hackathon

**SPONSORED BY**

**ASHANTI**  
DATA SCIENCE SPECIALIST





# FAST FACTS

- 189 TOTAL DEVELOPERS
- 1 HOUR- SABC NEWS/ MEDIA FEATURE
- 10 minute live interview SABC
- 22 SOLUTIONS DEVELOPED
- 4 NEW PARTNERSHIPS SECURED
- 33 KEYNOTE SPEECHES
- 3 PERMANENT JOBS
- 3 BURSARY PROVIDED
- 3 6-MONTH MENTORSHIPS FOR WINNING TEAMS
- FOR 2021 WE HAVE PLANNED TO HOST 12 HACKATHONS FOR THE YEAR

## 1 GOAL: BUILD AFRICA THROUGH TECH

It was a tight race within an atmosphere of coding and unleashed creativity. Despite the pressure and time-constraint, each team kept their calm and could produce advanced solutions.

The winning team Digital Pulse, however, stood out among the rest with their innovative solution of a doctor's diagnosis assistant and a respiratory sound analyzer. Their idea explored quick and easy file transfers between medical experts, as well as using a sound analyzer that takes sound input from a microphone and predicts the likelihood of respiratory diseases.

And all of this was ideated and designed in a brief span of two days!



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The Empire Partner Foundation (EPF) hosted its 5th hackathon from 27 to 28 March.

The Digital Citizen Healthcare Hackathon focused on the challenges of the South African healthcare system. According to WHO, a successful healthcare system has a doctor-population ratio of 1:1000.

South Africa's ratio, however, is 0.78:1000. Because of this, thousands of people do not have access to basic healthcare. This also contributes to the problem of long lines at hospitals, poor service quality, and the overall wellbeing of South Africans and Africa as a whole.

This proves to be critical, as no other category of worker is so essential to the wellbeing of a population.

35 developers were selected from a pool of 107 applicants to take part in a 2-day hackathon that included a powerhouse breakfast on arrival met with a networking session. We hosted the hackathon in cozy and professional boardrooms at 35 Ferguson Road, courtesy of Prime Holdings, a sponsor for the event.

The Digital Citizen Healthcare Hackathon not only aims to empower young tech developers but also to create tech entrepreneurs, or techpreneurs, in an effort to create and design innovative solutions that will have a massive impact in South Africa.





We would like to give a special thank-you to Takalani Madzhadzhi from Ashanti.AI for sponsoring the prize money, Indheran and Maggie Pillay from Prime Holdings for sponsoring the boardrooms, Orkid Media that filmed the hackathon, and all the EPF staff. Thank you!

The Digital Citizen Hackathon is a prime example of how Tech will be the solution to major socio-economic issues that are facing South Africa and Africa as a whole. We are starting to see the benefits of an evolving solution through digitisation.

The Digital Citizen Hackathon team are focusing their efforts around the challenges within the education sector in preparation for the 6th instalment of the Digital Citizen Hackathon which will take place at the end of April.

As the future of our country will depend on the type of education the youth will receive and how it will impact on their future careers.

Follow us on LinkedIn, Facebook, Twitter for more updates on what we are doing to Build Africa Through Tech



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