



# Louis-Philip Shahim

Developer | Cloud Engineer



(072) 998 5673



[louisphilipshahim.com](http://louisphilipshahim.com)



Louis-  
Philip@synthesis.co.za



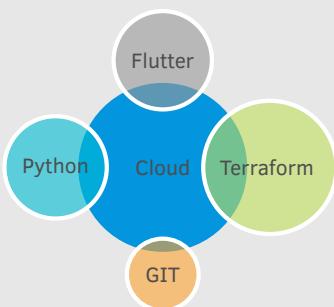
[/in/louis-philip-shahim-59a55097](https://in/louis-philip-shahim-59a55097)



[louisphilip](https://github.com/louisphilip)

## Skills

Overview



## About me

I am an ambitious and energetic employee with a passion to be creative and solve problems. I believe that strong moral values should be maintained regardless of external influences. I have been told that I portray leadership qualities which contributed to the development of delegation skills, public speaking and following instructions from those ranked higher than myself. I have a great appreciation for technology and its ever changing capabilities. My love for sport has allowed me to develop interpersonal skills and to apply them to real world situations in order to solve team-based problems.

## Education

2019	MSc. in Computer Science and Information Systems	NWU
2015	BSc. Hons. Computer Science and Information Systems	NWU
2012-2014	BSc. Information Technology	NWU

## Masters thesis

Title	Cancelable biometrics using hand geometry-based steganographic techniques
Supervisors	Mr. D. P. Snyman, Dr. J. V. Du Toit and Prof H. A. Kruger
Description	This research involves determining the possibility of applying a novel approach to replacing commonly used database authentication systems with the use of a leap motion controller and steganographic biometric storage.
Completion	February 2019

## Publications

2017	L. Shahim, D. P. Snyman, J. V. Du Toit, and H. A. Kruger, <i>Cancelable hand geometry-based biometric authentication system using steganography techniques</i> , IARIA - International Journal On Advances in Security
2016	L. Shahim, D. P. Snyman, J. V. Du Toit, and H. A. Kruger, <i>Cost-Effective Biometric Authentication using Leap Motion and IoT Devices</i>

## Awards & Certifications

2023	Google Cloud - Professional Cloud Architect
2022	Google Cloud - Associate Cloud Engineer
2020	AWS - Solutions Architect Professional

## Experience

2023 - Present	Google Cloud Practice Lead Honoured with the role to kick-off the Google Cloud Practice within Synthesis Software Technologies.
2019-2023	AWS Cloud Security Team Providing consultative services to financial services enterprise organizations within South Africa.
2019	Security Assurance SaaS While working on the below project, myself and few colleagues saw a gap in the security market and proceeded to develop a cloud security assurance tool in our spare time. This tool is now a SaaS offering provided by Synthesis Software Technologies.
2018/2019	AWS Cloud Engineering As part of a client project, I have been part of the Cloud Security team. I have mainly been involved in architecting and developing cloud security related tools and deploying them into a well established corporate network. The development mainly included the use of: <ul style="list-style-type: none"><li>• Terraform (Infrastructure as Code);</li><li>• Python and JS in AWS Lambdas; and</li><li>• AWS Security Products.</li></ul>