



# LP SHAHIM

## CLOUD SPECIALIST

### CONTACT

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Johannesburg, South Africa

### EDUCATION

#### North West University

- MSc. in Computer Science and Information Systems [2019]
- BSc. Hons. Computer Science and Information Systems [2015]
- BSc. Information Technology [2014]

### ACHIEVEMENTS

- Synthesis Innovation Award 2022
- Synthesis Culture Award 2023
- Google Developer Group Guest Speaker 2023
- Google Cloud AI in Action 2024
- Synthesis Culture Connect 2024

### LINKS



### TECHNOLOGIES



### CERTIFICATIONS



View more on [credly](https://www.credly.com)

### ABOUT ME

GCP & AWS Solutions Architect & MSc Computer Science and Information Technology. I am multi-cloud certified with 6+ certifications. Enthralled with mobile app development, cloud computing, cloud infrastructure architecture design and implementation, security principles and technology start-up culture.

Ambitious and energetic personality with a passion to be creative and solve problems. I believe that strong moral values should be maintained regardless of external influences. 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.

### EXPERIENCE

#### Synthesis Software Technologies

2018 - present



##### Google cloud practice lead

- Google Cloud solutions architect
- Pre-sales
- Partner management
- Project delivery management



##### Cloud & security specialist

- Google cloud engineering
- AWS security specialist and cloud engineering
- Security assurance SaaS



##### Cloud engineer

- Terraform (Infrastructure as Code)
- Python and JS in AWS Lambdas
- AWS Security Products.

### SKILLS

Management Skills



Creativity



Digital Marketing



Negotiation



Critical Thinking



Leadership



## Detailed experience



### 2023 - Present

Synthesis | Johannesburg

#### Google Cloud Practice Lead

#### Key Responsibilities

As the Google Cloud Practice Lead, I am responsible for spearheading the establishment and growth of the Google Cloud practice within Synthesis. This role involves a combination of strategic leadership, technical expertise, and business development. I work closely with internal teams, clients, and Google to ensure successful cloud adoption and effective use of Google Cloud services.

**Practice Development:** I lead the strategic development of the Google Cloud practice, defining the roadmap for scaling our Google Cloud capabilities and aligning them with the bank's business goals.

**Partnership Management:** I maintain and strengthen our partnership with Google, ensuring we meet the requirements for maintaining partner status, including certifications, project delivery, and business growth targets.

**Team Enablement:** I provide training and enablement programs for our internal teams, ensuring they are proficient in Google Cloud technologies. This includes mentoring engineers, organizing workshops, and coordinating with Google to access exclusive training resources.

**Business Development:** I collaborate with the sales and marketing teams to drive awareness of our Google Cloud services. I engage in pre-sales activities, including meeting with prospective clients, conducting needs assessments, and crafting tailored cloud solutions that align with their business objectives.

**Proposal Writing:** I take the lead in writing proposals for Google Cloud projects, ensuring that technical solutions are aligned with client needs and business goals. This includes obtaining funding from Google to support client initiatives.

**Solution Delivery:** I oversee the delivery of Google Cloud projects, from architecture and security implementation to deployment and optimization. I ensure that all solutions adhere to best practices in cloud security, compliance, and performance.

**Client Engagement:** I actively engage with clients to understand their needs and challenges, providing expert guidance on Google Cloud technologies and ensuring high levels of customer satisfaction.

## Detailed experience

### Key Achievements

- Successfully built the Google Cloud practice from the ground up, securing key partnerships with Google and driving significant business growth.
- Enabled the internal team to deliver high-quality Google Cloud solutions, leading to improved client outcomes and increased customer satisfaction.
- Played a crucial role in pre-sales and business development efforts, securing several high-value Google Cloud projects for the bank.

### Skills & Technologies

**Google Cloud, Practice Development, Partnership Management, Pre-sales, Proposal Writing, Client Engagement, Google Cloud Security Best Practices**

**2021-2023**

Synthesis | Johannesburg

### Cloud Security Team Lead

At CDE Bank, I was appointed Cloud Security Team Lead, where I focused on architecting and maintaining robust cloud security solutions. I led the development of hardened image building pipelines within AWS and played a key role in rolling out Prisma Cloud and Checkov to drive the Shift Left security initiative.

### Key Responsibilities

- Led the architecture and implementation of hardened image building pipelines across the bank's AWS cloud environment.
- Assisted in the deployment of Prisma Cloud, ensuring comprehensive security across the cloud estate.
- Drove the adoption of the Shift Left security movement by implementing Checkov to automate security checks during the development lifecycle.
- Collaborated with various teams to ensure that cloud security practices were embedded early in the development process.

### Key Achievements

- Successfully developed and deployed hardened image building pipelines, significantly improving the security and compliance of cloud infrastructure.
- Led the rollout of Prisma Cloud, enhancing the bank's cloud security posture.
- Championed the Shift Left movement, resulting in improved security awareness and practices among development teams.

### Skills & Technologies

- Cloud Platforms: AWS
- DevOps: Terraform, Checkov, Prisma Cloud
- Security: Hardened Image Pipelines, Cloud Security Best Practices

## Detailed experience

2020-2021

Synthesis I Johannesburg

### Cloud Security Engineer

Within the Cloud Security team at BCD Bank, I was responsible for integrating the bank's cloud security systems with SIEM tooling and managing the Splunk infrastructure. During this period, I co-founded an internal SaaS solution called Unomia, based on Cloud Custodian, to enhance cloud posture management.

#### Key Responsibilities

- Assisted and helped architect the integration of cloud security solutions into the bank's SIEM infrastructure, specifically deploying and maintaining Splunk.
- Managed and optimized the Splunk infrastructure to ensure high availability and scalability.
- Co-founded Unomia, a cloud posture management tool, and built a SaaS platform to help internal teams and clients better manage their cloud estates.
- Collaborated with development and security teams to ensure Unomia aligned with industry best practices and customer needs.

#### Key Achievements

- Successfully integrated cloud security with SIEM tooling, improving real-time threat detection and response capabilities.
- Spearheaded the development of Unomia, resulting in improved cloud security posture and operational efficiency for clients and internal teams.

#### Skills & Technologies

- Cloud Platforms: AWS
- DevOps: Terraform, Cloud Custodian, Splunk
- Security: SIEM (Splunk), Cloud Security Best Practices

2019-2020

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### AWS Cloud Engineer

At BCD Bank, I transitioned to the role of AWS Cloud Engineer within the Cloud Security team. My focus was on enhancing security visibility within the AWS environment, ensuring that VPC flow logs, CloudTrail logs, and KMS key provisioning were securely implemented using Terraform.

#### Key Responsibilities

- Designed and implemented security monitoring solutions for AWS environments, providing visibility into VPC flow logs and CloudTrail logs.
- Provisioned and managed KMS keys using Infrastructure as Code (Terraform) to ensure secure access and encryption of sensitive data.
- Collaborated with application teams to securely implement encryption and logging mechanisms, improving the security posture of the bank's cloud infrastructure.

## Detailed experience



### Key Achievements

- Successfully implemented security visibility solutions, significantly improving the ability to detect and respond to security threats.
- Automated key management processes using Terraform, reducing human error and increasing security efficiency.



### Skills & Technologies

- Cloud Platforms: AWS
- DevOps: Terraform
- Security: KMS, VPC Flow Logs, CloudTrail, Cloud Security Best Practices



**2018-2019**

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### Security Software Engineer

After completing my MSc in Computer Science and Information Systems, I joined ABC Company as a Software Developer. My primary focus was developing a payments security tool using C++ to enhance the security of sensitive financial data. This role involved deep technical work with Hardware Security Modules (HSMs) and advanced encryption techniques.



### Key Responsibilities

- Developed and maintained a payment security tool in C++ that encrypted and securely stored card PINs.
- Integrated Hardware Security Modules (HSMs) to enhance the security of financial transactions.
- Collaborated with cross-functional teams to ensure secure and efficient implementation of encryption protocols.
- Provided continuous support and updates for the security tool, ensuring it met compliance and industry standards.



### Key Achievements

- Improved the security of sensitive card data, reducing vulnerabilities and ensuring compliance with financial industry regulations.
- Enhanced performance and security of the encryption tool, ensuring minimal downtime and efficient processing.



### Skills & Technologies

- Programming: C++
- Security: HSMs, encryption protocols, payment security standards