

## Sudeyan Moodaly

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### SUMMARY

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I am an IT Security professional seasoned with 6 years of security experience across multiple domains. In my tenure I have assessed, advised and assisted in the implementation of security controls within new and existing digital channels within the financial industry, in parallel my scope was expanded to include penetration testing during a year of my tenure.

My career highlights include having: assisted in the security and design of applications deployed within the AWS cloud environment, assisted in the design & security hardening of a hybrid cloud environments, driving the implementation of multifactor authentication (MFA), driving the hardening of containerised applications, identification and remediation of numerous vulnerabilities across multiple technologies, pioneering the security and support of several flagship applications, formulation of the API security strategy, identifying cost efficiencies, infrastructure and middleware security hardening. In 2018 I was presented with the prestigious SBG Individual Group IT Mark of Excellence award.

I am an ambitious, hard-working individual, who strives to deliver my best at all tasks given to me. I am seasoned with both technical expertise and business acumen, enabling me to understand the full picture and make good decisions in a timely manner. I am collaborative and able to articulate myself well, allowing me to successfully engage with colleagues across multiple levels of seniority and co-ordinate teams to get things done efficiently.

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## WORK EXPERIENCE

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### **December 2018 - Current**

#### **Role: Cloud Security Engineer**

Protect and secure the data and systems of that of the organisation with a specific focus on the data and systems of the public cloud environment.

Organisation: Standard Bank Group

Key initiatives/ areas of coverage include:

- Co-authored the SBG Cloud Security Functional Standard.
- Authored the SBG Cloud Security SAQ.
- Drove the security hardening of containerisation environments.
- Assess and improve the security posture of projects deployed within public cloud environments.
- Assess, evaluate and implement Infrastructure as a service (IaaS) security controls.
- Design and hardening of AWS cloud security environment.

### **January 2018 – December 2018**

#### **Role: Penetration testing**

Discover, report and assist in the remediation of security vulnerabilities of digital assets held by the organisation.

Organisation: Standard Bank Group

Key initiatives/ areas of coverage include:

- Multiple penetration tests covering:
  - Infrastructure
  - Web and mobile applications
  - Public cloud
  - ATM systems
  - Share trading

### **February 2015 – December 2018**

#### **Role: Information Technology Security Officer (ISO)**

Protect and secure the data and systems of that of the organisation with a specific focus on the data and systems of one or many business units.

Organisation: Standard Bank Group

Business unit:

- Corporate and Investment Banking | Transactional Products and Services (TPS) *Feb' 2015 - Mar' 2018*

Key initiatives/ areas of coverage included:

- Assessed and improved the protection and security of multiple off the shelf solutions including; AMDOCS pricing and billing, IBM Sterling File Integrator, **IBM MQ**, etc.
- Increased the protection and security of multiple proprietary systems including Business Online, New Business Online and Host to Host (a B2B payments network).
- Advised and assisted on the implementation of digital **MFA** in favour of physical hard tokens.
- Aided in securing multiple applications including the **SWIFT** network, **AMH**, **Meridian** etc.
- Assisted in the implementation of manual and automated **access management** processes.
- Brokered the implementation of security products and solutions to servers and workstations (i.e. Application whitelisting, EDR, mail encryption).
- Recommended and assessed the security of wrapping Business Online with its own set of Java libraries.
- Provided IT security input to the **API Strategy** of TPS.
- Assessed and facilitated the movement of select TPS infrastructure and storage to Amazon Web Services.
- Implemented and managed Amazon Web Service resource and **access control policies**.
- Provided security assurance to external third parties on behalf of Standard Bank Group.
- Engage with business to design and drive the security strategy of the applications under the business unit concerned.
- Participated in a post breach **domain take back** exercise.
- Increased the content of logs being captured by the Business Online and Legacy Business Online load balancer.
- Provided business rules for near real time log interrogation to the Standard Bank Group Cyber Security Operations Centre.
- Ensure ongoing patch and technical security standard compliance across the infrastructure stack.
- Assessed and provided input on multiple signature and supporting projects.
- Participated in multiple Computer Security Incident Response Teams.
- Wrote and maintained the Standard Bank Functional Password Standard.

Business unit:

➤ Corporate and Investment Banking | Digital *Apr' 2018 - Dec' 2018*

Key initiatives/ areas of coverage included:

- Assess and improve the security posture of multiple cloud solutions within the Amazon Web Services environment.
- Advised on the implementation of **MFA** solutions (SMS & App).
- Advised on the ongoing security posture and strategy of four projects from inception.

February 2014 – January 2015

Role: Graduate Trainee

The Group IT Standard Bank graduate programme consisted of 3 rotations across areas in Group IT.

Organisation: Standard Bank Group

Rotation 1: Group IT Security | Corporate and Investment Banking – **IT Security Analyst/ Officer**

Rotation 2: Personal and Business Banking IT | Branch accounting - **IT Project manager**

Rotation 3: Group IT Security | Group Technology Operations – **IT Security Analyst**

Co-authored multiple security policies via the usage of the Centre of Information Security Benchmark Combined Assessment Tool.

Reason for leaving: Permanent placement

### **2008 - 2010**

Role: **Waiter**

Organisation: Bangkok Wok Westville (hence closed)

Reason for leaving: Position was part time and funds earned were put towards tertiary education.

### **2005-2006**

Role: **Sales personnel**

Organisation: Game – Pavilion, Westville

Reason for leaving: Position was part time and funds earned were put towards tertiary education.

## **ACHIEVEMENTS**

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- **Group IT Mark of Excellence 2017 individual award winner (2018)**
- **Group IT Turbo charged leadership programme (2017)**
- **Multiple Beyond Excellence awards**

### Certifications/ training

Organisation	Name	Date Obtained – Date for renewal
Amazon Web Services	AWS Certified Solutions Architect Associate	06/03/2020
PCI SSC	PCIP	Expired
Wipro Technologies	Wipro Software Training Foundation Program	04/08/2014

### TERTIARY EDUCATION

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University attended: University of Kwa-Zulu Natal  
Student number: 209534472  
Degree: **Bachelor of Business Science**  
Years of study: Four  
Honours specialisation: **Information Systems and Technology**  
Major subjects completed up to undergrad level: Economics  
Finance  
Information Systems Management  
Information Systems and Technology

### SECONDARY EDUCATION

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High school:

Matriculated with distinction *2007 Westville Boys' High School*

Higher grade subjects passed:

English (1<sup>ST</sup> Language)  
Afrikaans (2<sup>ND</sup> Language)  
Mathematics  
Physical Science  
Biology  
Accounting