Praise **Tompane**

Information Scientist · Golden Key International Honor Society Member

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Summary

Information Scientist with an interest in the study of computation and its applications to respond to humanity's opportunities and challenges.

Skills

Programming Languages	**High proficiency:** Scala.	
	Medium proficiency: Python, JavaScript.	
	Low proficiency: Bash, Java, C, Go, C++, HTML.	
Programming Models	**Medium proficiency:** Declarative(Functional), Stateful(Imperative), Object Orientated.	
Architectural and Design Patterns	**High proficiency:** REST, Domain Driven Design(DDD), Microservices.	
	Medium proficiency: Command Query Responsibility Segregation, Model View Controller.	
Frameworks and Libraries	**Medium proficiency:** Dropwizard, RabbitMQ.	
	Low proficiency: React, Django.	
Databases	**High proficiency:** TSQL, Flyway.	
	Medium proficiency: Microsoft SQL Server.	
Process Automation	**High proficiency:** Camunda, Business Process Model and Notation(BPMN).	
DevOps	**Medium proficiency:** Docker, Kubernetes, Gitlab CI/CD.	
	Low proficiency: Github Actions, Make.	
Version Control	**High proficiency:** Git.	

Work Experience

Allan Gray Proprietary Limited *Cape Town, South Africa*

SOFTWARE DEVELOPMENT TECH LEAD *March. 2019 - Present*

- Led the delivery, design and/or implementation of various projects:
    - Enable operations and web teams to get automated and consistent transaction minimums validation for minors and adults.
    - Enable operations and web teams to get automated and consistent Regulation 28 validation of transactions with hedge fund instruments.
    - Enable organisation's Life Investments subsidiary to stay within the SARB foreign investment exposure limit.
    - Enable operations team to manage model portfolios.

Allan Gray Proprietary Limited *Cape Town, South Africa*

SENIOR SOFTWARE DEVELOPER *Nov. 2018 - Feb. 2019*

- Led the design and implementation of a base framework for Straight Through Online Transactions(STP) processing.

Allan Gray Proprietary Limited *Cape Town, South Africa*

SOFTWARE DEVELOPER *Jan. 2016 - Nov. 2018*

- Design and implement Scala RESTful APIs, relational database and Camunda workflows to automate retirement transactions.

Digiata *Rosebank, South Africa*

SYSTEMS ANALYST *Dec. 2014 – Dec. 2015*

- Contribute LINX, Stadium and Database solutions to a data migration platform.

KPMG *Hatfield, South Africa*

INFORMATION TECHNOLOGY ANALYST *Jan. 2014 – Nov. 2014*

- Assess the effectiveness of IT processes and risk management strategies against standards such as CMMI, King |||, COBIT and ITIL.

Please visit my LinkedIn(Projects section) and Github profile linked above for project implementation details.

Education

University of Pretoria *Pretoria, South Africa*

BIS IN INFORMATION SCIENCE AND INFORMATICS *Jan. 2011 - Dec. 2013*

- Study the universe of documentary products of human activity and how human beings produce, seek, retrieve, and use these products.
- Study the analysis, design, implementation and use of information systems within organisations.
- Study business organisation structures; how to establish and effectively run them in a traditional brick and mortar or e-commerce model.