

# Praise Tompane

SOFTWARE DEVELOPMENT TECH LEAD · 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

<b>Programming Languages</b>	<b>High proficiency:</b> Scala, SQL. <b>Medium proficiency:</b> Python, JavaScript. <b>Low proficiency:</b> Bash, Java, C, Go, C++, HTML.
<b>Programming Models</b>	<b>High proficiency:</b> Declarative(Functional), Stateful(Imperative), Object Orientated.
<b>Architectural and Design Patterns</b>	<b>High proficiency:</b> REST, Domain Driven Design(DDD), Microservices. <b>Medium proficiency:</b> Command Query Responsibility Segregation, Model View Controller.
<b>Frameworks and Libraries</b>	<b>Medium proficiency:</b> Dropwizard, RabbitMQ. <b>Low proficiency:</b> React, Django.
<b>Process Automation</b>	<b>High proficiency:</b> Camunda, Business Process Model and Notation(BPMN).
<b>DevOps</b>	<b>Medium proficiency:</b> Docker, Kubernetes, Gitlab CI/CD. <b>Low proficiency:</b> Github Actions.
<b>Version Control</b>	<b>High proficiency:</b> 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:
  - Design and Implement Scala RESTful APIs to support STP platform.
  - Design and Implement relational databases to support STP platform.
  - Design and Implement base instruction Camunda workflow for STP platform.

### Allan Gray Proprietary Limited

Cape Town, South Africa

SOFTWARE DEVELOPER

Jan. 2016 - Nov. 2018

- Contribute to Camunda workflows for implementation of long running retirement transactions.
- Design and Implement Scala RESTful APIs to support retirement transactions.
- Design and Implement relational database to support retirement transactions.
- Rewrite Java implementations across the Retail IT code base to Scala.

Please visit my LinkedIn 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.