

# Praise Tompane

SOFTWARE DEVELOPMENT TECH LEAD · INFORMATION SCIENTIST · GOLDEN KEY INTERNATIONAL HONOR SOCIETY MEMBER

☎ (+27)73 4955 678 | ✉ praisetompaine@gmail.com | 🌐 <https://github.com/praisetompaine> | 🔗 <https://www.linkedin.com/in/praisetompaine>

## 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, SQL.  
**Medium proficiency:** Python, Java, JavaScript, Bash.  
**Low proficiency:** C, Go, C++, HTML.

**Programming Models** **High proficiency:** Declarative(Functional), Stateful(Imperative), Object Orientated.

**Architectural and Design Patterns** **High proficiency:** RESTful APIs, 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.

**Process Automation** **High proficiency:** Camunda, BPMN 2.0

**DevOps** **Medium proficiency:** Docker, Kubernetes, Gitlab CI

**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 team to get automated and consistent transaction minimums validation for minors vs adults.
  - Enable operations team to get automated and consistent Regulation 28 validation of transactions for 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 database 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.

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.