

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

Programming Languages **High proficiency:** Scala, SQL.
Medium proficiency: Python, JavaScript, Bash.
Low proficiency: Java, 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.
- 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.