

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: C, Go, Java, 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.