

#### SOFTWARE ENGINEER

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# **Summary**\_

Software Engineer interested in the theoretical foundations of computation and mathematics. Interested also in their applications to respond to humanity's opportunities and challenges.

### Skills

**Computation Models** Medium proficiency: Declarative(Functional), Stateful(Imperative), Stateful(Object Orientated).

Programming Languages Medium proficiency: Python, Scala.

Low proficiency: Bash, C, Java, JavaScript, HTML.

**Architectural and Design Patterns** High proficiency: Domain Driven Design(DDD), Microservices, REST.

Medium proficiency: Model View Controller.

**Low proficiency:** Command Query Responsibility Segregation.

**Frameworks and Libraries** Low proficiency: Django, Dropwizard, RabbitMQ, React.

**Databases** Medium proficiency: Flyway, Microsoft SQL Server, TSQL.

**Process Automation** Medium proficiency: Business Process Model and Notation(BPMN), Camunda.

**DevOps** Medium proficiency: Docker, GitLab CI/CD, Kubernetes.

Low proficiency: GitHub Actions, Make.

Version Control High proficiency: Git.

# Work Experience \_\_\_\_\_

**Allan Gray Proprietary Limited** 

Tech Lead

**Allan Gray Proprietary Limited** 

SENIOR SOFTWARE DEVELOPER

**Allan Gray Proprietary Limited** 

SOFTWARE DEVELOPER

**Digiata** 

SYSTEMS ANALYST

**KPMG** 

Information Technology Analyst

Cape Town, South Africa

Sep. 2019 - Sep. 2022

Cape Town, South Africa

Nov. 2018 - Feb. 2019

Cape Town, South Africa

Jan. 2016 - Nov. 2018

Rosebank, South Africa

Dec. 2014 - Dec. 2015

Hatfield, South Africa

Jan. 2014 - Nov. 2014

Please visit my LinkedIn and GitHub profiles linked above for implementation details.

## **Education** \_\_\_\_

**University of Pretoria** 

BACHELOR OF INFORMATION SCIENCE IN INFORMATION SCIENCE

Pretoria, South Africa

Jan. 2011 - Dec. 2013