

#### SOFTWARE ENGINEER

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#### **Summary**\_

Software Engineer interested in the theoretical foundations of computation and mathematics.

# Skills\_\_\_\_\_

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

**Programming Languages** Medium proficiency: Scala, Python.

Low proficiency: JavaScript, Java, Go, C.

Architectural Patterns High proficiency: Domain Driven Design, Event Driven Design, API-first Design, Microservices, REST.

**Medium proficiency:** MVC, CQRS.

Frameworks and Libraries Medium proficiency: DropWizard.

**Low proficiency:** Flask, Node.js, Express, React.

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

Low proficiency: Oracle Database, MySQL, PL/SQL.

**Process Automation** Medium proficiency: Camunda, BPMN 2.0.

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

Low proficiency: Make.

Version Control High proficiency: Git, Trunk Based Development, Gitflow.

**Project Management** Medium proficiency: Jira.

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

RSAWEB Cape Town, South Africa

TECH LEAD Jan. 2024 - Present

Sabbatical Cape Town, South Africa

 SABBATICAL
 Sep. 2022 - Dec. 2023

Allan Gray Proprietary Limited Cape Town, South Africa

 TECH LEAD
 Sep. 2019 - Sep. 2022

Allan Gray Proprietary Limited Cape Town, South Africa

Senior Software Developer Nov. 2018 - Feb. 2019

Allan Gray Proprietary Limited

Cape Town, South Africa

SOFTWARE DEVELOPER

Jan. 2016 - Nov. 2018

**Digiata**Rosebank, South Africa

SYSTEMS ANALYST Dec. 2014 – Dec. 2015

**KPMG** Hatfield, South Africa

Information Technology Analyst

Jan. 2014 – Nov. 2014

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

### **Education**

University of Pretoria Pretoria Pretoria

Bachelor of Information Science in Information Science Jan. 2011 - Dec. 2013