

#### SOFTWARE ENGINEER | TECH LEAD

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# **Summary**

Software Engineer interested in the theoretical foundations of Computation and Mathematics.

## **Skills**

Computation Models High Proficiency: Declarative(Functional), Stateful(Imperative), Stateful(Object Orientated)

**Programming Languages** Medium Proficiency: Scala, Python, JavaScript, Java.

Low Proficiency: C, Go.

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

Medium Proficiency: CQRS.

Frameworks and Libraries Medium Proficiency: Node.js, Express, DropWizard, RabbitMQ.

**Low Proficiency:** Flask, React, Django.

**Databases** High Proficiency: SQL, TSQL, Flyway.

Medium Proficiency: MS SQL Server, MySQL. Low Proficiency: Oracle, PL/SQL, PostgreSQL. Medium Proficiency: Camunda, BPMN 2.0.

**DevOps** High 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**

**Process Automation** 

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

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

SOFTWARE DEVELOPER

Cape Town, South Africa

Jan. 2016 - Nov. 2018

**Digiata**Rosebank, South Africa

Nosebulk, South Aircu

Systems Analyst Dec. 2014 – Dec. 2015

Hatfield, South Africa

Information Technology Analyst

Jan. 2014 – Nov. 2014

### **Education**

**KPMG** 

### University of Pretoria, South Africa

Bachelor of Information Science in Information Science

Jan. 2011 - Dec. 2013

### Hasso Plattner Institute Brandenburg, Germany

Business Process and Decision Modelling Jan. 2016 - May. 2016

EPFL (École polytechnique fédérale de Lausanne)

Lausanne, Switzerland

FUNCTIONAL PROGRAMMING PRINCIPLES IN SCALA

Jan. 2016 - Sep. 2016

EPFL (École polytechnique fédérale de Lausanne)

Lausanne, Switzerland

FUNCTIONAL PROGRAM DESIGN IN SCALA

Jan. 2017 - May. 2017