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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. 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.

Databases

Process Automation

Work Experience

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 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

Education

University of Pretoria

Pretoria, South Africa

Jan. 2011 - Dec. 2013 BACHELOR OF INFORMATION SCIENCE IN INFORMATION SCIENCE

AUGUST 12, 2024 PRAISE TOMPANE · RÉSUMÉ

Hasso Plattner Institute

BUSINESS PROCESS AND DECISION MODELLING

EPFL (École polytechnique fédérale de Lausanne)

FUNCTIONAL PROGRAMMING PRINCIPLES IN SCALA

EPFL (École polytechnique fédérale de Lausanne)

FUNCTIONAL PROGRAM DESIGN IN SCALA

Brandenburg, Germany

Jan. 2016 - May. 2016

Lausanne, Switzerland

Jan. 2016 - Sep. 2016

Lausanne, Switzerland

Jan. 2017 - May. 2017