

SOFTWARE ENGINEER | TECH LEAD

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Summary.

Interested in the design and engineering of Generic Software Product.

Skills

Architectural Patterns High Proficiency: DDD, EDA, MVC, Microservices, REST.

Medium Proficiency: CQRS.

Computation Models High Proficiency: Declarative(Functional), Stateful(Imperative), Stateful(Object-Oriented).

Languages High Proficiency: Python, Scala.

Medium Proficiency: C, Java, JavaScript, HTML.

Low Proficiency: C++, CSS.

Frameworks and Libraries Medium Proficiency: Flask, Express, Node, React, Dropwizard.

Database Management High Proficiency: SQL, TSQL.

Medium Proficiency: MS SQL Server, PostgreSQL, MySQL, Alembic, SQLAlchemy, Flyway.

Infrastructure and Orchestration Medium Proficiency: Docker, Kubernetes, RabbitMQ.

Low Proficiency: Firebase.

Build Automation and Testing Medium Proficiency: Pipenv, Pytest, sbt, ScalaTest, Jest, Make.

CI/CD Medium Proficiency: GitLab CI/CD, GitHub Actions.

Source Management
Process Automation
Project Management and Documentation

Experience

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

RSAWEB

TECH LEAD

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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

Jan. 2024 - Oct. 2024

Cape Town, South Africa

Sep. 2022 - Dec. 2023

Cape Town, South Africa

Sep. 2019 - Sep. 2022

Cape Town, South Africa

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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

Education

University of Pretoria

BACHELOR OF INFORMATION SCIENCE IN INFORMATION SCIENCE

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

Pretoria, South Africa

Jan. 2011 - Dec. 2013

Brandenburg, Germany

Jan. 2016 - June. 2016

Lausanne, Switzerland

Jan. 2016 - Sep. 2016

Lausanne, Switzerland

Jan. 2017 - May. 2017