

Praise Tompane

SOFTWARE ENGINEER & INFORMATION SCIENTIST

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Summary

Software Engineer and Information Scientist, with the following main interests:

Business & Engineering: The design and engineering of Generic Software Products that address open problems.

Formal Science: The theoretical foundations of Computation, Information, and Mathematics.

Skills

Please visit my GitHub for proficiency definitions: <https://github.com/praisetompaine/resume#proficiency-definitions>

Architecture Patterns

High Proficiency: DDD, EDA, RESTful APIs, Microservices, CQRS.

Computation Models

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

Languages

High Proficiency: Python, Scala.

Medium Proficiency: C, Java, JavaScript, HTML, C++, CSS.

Frameworks & 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 & Orchestration

Medium Proficiency: Docker, Kubernetes, RabbitMQ.

Build Automation & Testing

Medium Proficiency: Pipenv, Pytest, sbt, ScalaTest, Jest, Make.

Source Management & CI/CD

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

Process Automation

High Proficiency: Camunda, BPMN 2.0.

Project Management & Documentation

High Proficiency: Confluence, Jira.

Experience

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

Independent Researcher

KEMC RESEARCH

Sep. 2022 - Present

Cape Town, South Africa

Co-Owner

MAZTAL LOGISTICS

May. 2013 - Present

Polokwane, South Africa

Tech Lead

RSAWEB

Dec. 2023 - Oct. 2024

Cape Town, South Africa

Tech Lead

ALLAN GRAY PROPRIETARY LIMITED

Sep. 2019 - Sep. 2022

Cape Town, South Africa

Senior Software Developer

ALLAN GRAY PROPRIETARY LIMITED

Nov. 2018 - Feb. 2019

Cape Town, South Africa

Software Developer

ALLAN GRAY PROPRIETARY LIMITED

Jan. 2016 - Nov. 2018

Cape Town, South Africa

Systems Analyst

DIGIATA

Dec. 2014 - Dec. 2015

Rosebank, South Africa

Information Technology Analyst

KPMG

Jan. 2014 - Nov. 2014

Hatfield, South Africa

Certifications

2022 **AI For Everyone**, DeepLearning.AI

2019 **Condensed Leadership Programme**, Allan Gray

2017 **Functional Program Design in Scala**, École Polytechnique Fédérale de Lausanne

2016 **Functional Programming Principles in Scala**, École Polytechnique Fédérale de Lausanne

2016 **Business Process and Decision Modelling**, Hasso Plattner Institute

2015 **Exam 461 - Querying Microsoft SQL Server 2012/2014**, Microsoft

Honors & Awards

2012 **Inductee**, Golden Key International Honor Society

Education

Bachelor of Information Science in Information Science

UNIVERSITY OF PRETORIA

Jan. 2011 - Dec. 2013

Pretoria, South Africa