

KUDZAI CHRIS KATEERA

FULL STACK SOFTWARE ENGINEER

Results-driven and highly skilled Full Stack Software Engineer with over half a decade of experience in designing, developing, and maintaining scalable web applications. Adept at utilizing a wide range of technologies, with expertise in Python, C++ and Typescript. Seeking a challenging position to contribute technical expertise, leadership, and innovation in a dynamic development environment.

SKILL SET

Programming

- TYPESCRIPT (*intermediate*)
- PYTHON (*advanced*)
- HTML/CSS (*intermediate*)
- JAVA (*intermediate*)
- C / C++ (*advanced*)

Computing

- Windows, Linux, MacOS
- Docker, Kubernetes
- GIT, DNS System
- AWS Cloud Computing
- Virtual Machines

Other Skills

- Technical Leadership
- Effective Communication
- Agile Methodologies
- Domain Driven Design
- Architecture Design

Technologies

● Frameworks

- Django
- Express
- NextJS 15
- React 19

● Databases

- MySQL
- PostgreSQL
- MongoDB
- Timescale

● Amazon Web Services

- VPC, API Gateway,
- ECR, ECS, EC2, S3, RDS, IAM
- Lambda, DynamoDB
- Cloudfront, Elastic Beanstalk

● Other Technologies

- Nginx, Celery, jQuery,
- RabbitMQ, Sendgrid, pytorch
- Sentry, Strapi, Portainer,
- Graphana, Prometheus

WORK EXPERIENCE

■ MOHARA Ventures

2024

● Senior Full Stack Software Engineer

- Created a playbook for architecture and solution design for new projects, given user requirements. This streamlined process improved and standardized output quality.
- Developed a mortgage calculator for a UK bank which increased applications by 20% in the first 6 months.
- Redeveloped an SEO Optimized website with 10 000 global visitors a day using NextJS in Typescript and its server side rendering, incremental static generation techniques to increase conversion by 40% and reduced bounce rate.
- Mentored junior staff through their chosen paths leading to career growth and progression.

2023

● Intermediate Full Stack Software Engineer

- Was a Technical Lead on a Full stack T3 stack Typescript project for matching employees to jobs. I led the technical solution design, coordinated the team & worked on the matching logic on the database level.
- I hosted several knowledge sharing sessions which helped the team up-skill provide mentorship for junior staff.
- Coordinated collaboration with founders, UI designers, project managers, QA engineers, software engineers to gather requirements and translate them into technical specifications, designs, acceptance criteria, stories & code.

2021

● Junior Software Engineer

- Led a infrastructure migration of a monolithic application on EC2 to a microservices architecture running services in docker containers orchestrated by AWS ECS, deployed using codepipeline, storing on ECR.
- Built projects in the retail, supply chain, virtual reality, social media industries from founder requirements.

2020

● Associate Software Engineer

- Improved efficiency by decoupling workloads using rabbitmq for task queing & celery for asynchronous processing.
- Optimized SQL queries by using stored procedures to increase backend response time from 12s to 250ms.
- Performed Domain Driven Design, Database design (SQL & NOSQL), REST api, infrastructure using Agile methodology.

ACADEMIC QUALIFICATIONS

2017 – 2021



Bsc. Eng. Electrical and Computer Engineering

University of Cape Town South Africa

- Computer Science & Machine Learning.
- Electrical & Electronic engineering
- Electromagnetic & Power engineering
- Data Structures and Algorithms
- Engineering Calculus and Physics.
- Signals, Analogue and Digital Systems.
- Embedded Systems Design, Programming.
- Networks & Digital Communication

2012 – 2015



Ordinary Level & Advanced Level

St Ignatius College Chishawasha

- International General Certificate of Education A Level: Graduated with 3As.
- Zimbabwe General Certificate of Education O Level: Graduated with 13As, 1B.

TRAINING & CERTIFICATION

2023



Amazon Web Services Solutions Architect Associate (SAA)

Proficiency with utilizing cloud services provided by AWS and designing secure, high-performing, resilient, and efficient infrastructure.

2023



Institute of Chartered IT Professional (ICITP)

A professional body for IT professionals – recognised by South African Qualifications Act (SAQA) in terms of the National Qualifications Framework (NQF).

2023



Amazon Web Services re:Invent Conference (Las Vegas)

Awarded the prestigious All Builders Welcome grant for leading cloud developers worldwide, I was invited to AWS's flagship global event, where groundbreaking technologies are unveiled and industry direction is set.