

# Kamogelo Seima

Software Engineer

itskamo.com | 0691212223 | seimakamogelo@gmail.com

## Professional Summary

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Software Engineer with 3+ years of experience in backend development (telecom OSS/BSS, automation, APIs) and cross-platform mobile app development. Skilled in Flutter, Perl, Python and C# .NET, with a track record of optimizing systems, improving data quality, and delivering production-ready applications. Experienced in working on large-scale systems and supporting components end-to-end.

## Professional Experience

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### ApexTech Group | Full-Stack Developer

January 2026 - Present

- Build and maintain a multi-tenant BSS system for ISPs and FNOs, supporting end-to-end management of orders, services, customer support, and billing.
- Contribute to the design and implementation of core platform components, ensuring they are maintainable and scalable as the system grows.
- Architect and develop the FibreCompare lead engagement platform and ecosystem, supporting sales automation and lead lifecycle management.
- Design and build an omnichannel inbox consolidating customer interactions across multiple communication channels.
- Rebuild the customer portal and CMS, improving frontend management, lead tracking, and content operations.

### CSG International | Software Developer Engineer

February 2023 - December 2025

- Configured and maintained fixed line and roaming services within large-scale telecom OSS/BSS systems, ensuring accurate service provisioning.
- Developed Perl and Python automation scripts to streamline reference data management, reducing manual effort by 30% and improving data quality.
- Worked within large-scale telecom OSS/BSS architectures, contributing to system configuration and integration.
- Designed and improved data processing workflows for reference data across environments.
- Ensured data integrity and consistency across distributed systems.
- Collaborated with cross-functional teams to ensure accuracy of product catalogues and financial mappings.
- Modified existing automation scripts to better streamline the reference data deployment processes.
- Received innovation award for advanced reference data collection and strategy.

### The Hooch (Pty) Ltd | Software Developer

February 2020 - December 2021

- Developed Mobile and Web applications using Flutter and Firebase for an e-commerce on-demand delivery platform.
- Utilized BLOC architecture as the preferred state management tool.
- Integrated payment service APIs (Node.js JavaScript and Dart).
- Leveraged GCP services for Maps, Directions, and Push Notifications.
- Published the mobile application on Play Store, AppGallery, and Apple App Store.

## Core Technical Skills

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**Backend Development & Automation:** C# .NET, Python, Perl, RESTful/SOAP APIs, API integration, data processing workflows, Oracle SQL, MSSQL, PostgreSQL, Supabase, TensorFlow, Unix

**Mobile & Web Development (Intermediate):** Flutter/Dart, Angular, Kotlin Multiplatform, Next.js, Vercel, Temporal, Android/iOS Development

**DevOps & System Integration:** Azure DevOps, GCP, Vertex AI, OCI DevOps, Jenkins CI/CD, Git, Docker, GitHub Actions, Postman API, Microsoft Power BI

**Methodologies:** Agile, Waterfall, Test-Driven Development (TDD)

## Education

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### Central University of Technology, Bloemfontein Campus |

Advanced Diploma in Information Technology (NQF 7) | 2020 - 2022

- Key Courses: Java SE, C# .NET, Research Project, Flutter/Dart, Azure Cloud Fundamentals, Software Engineering

National Diploma in Information Technology (NQF 6) | 2017 - 2020

- Key Courses: Android Development, Java SE, C# .NET, Work Integrated Project, Software Engineering

## Certifications

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### Google | Data Analytics Professional

May 2022

- Data Cleansing & Analysis, Tableau, Spreadsheets, R Programming and SQL

### Oracle | Oracle Cloud Infrastructure

September 2025

- IAM, KMS, OCI Database Services, OCI DevOps

## Achievements

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### CSG International | Innovation Award

March 2025

- Improved the efficiency of collecting, extracting, processing, and deploying reference data to internal and client environments through automated backend scripts, reducing the likelihood of human error and misconfigured data.

### The Hooch | Mobile App Launch and Operations

December 2020

- Successfully built, tested, deployed and launched the client mobile application on major app stores and signed up over 1000 customers within 3 months of operation.
- Processed over 40 successful orders within 3 months of operation.

## Projects - Mobile Development

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### Camreq.com | Freelance Project

2021 - 2023

*Marketplace for photography services*

- Developed Mobile and Web applications using Flutter and Firebase.
- Implemented BLOC MVVM with clean architecture as state management pattern.
- Structured the application to support scalable client-server interactions and maintainable code organisation.
- Practiced Test-Driven Development (TDD).
- Integrated payment service APIs (Node.js JavaScript and Dart).
- Utilized Google Cloud Platform services for Storage, Maps, and Push Notifications.
- Published the mobile application on Google Play Store and Huawei AppGallery.

### Smartmouse | Personal Project

2025

*Smartphone-controlled wireless mouse for PC*

- Developed mobile app in Flutter Dart.
- Developed Windows server app in Node.js and Electron.
- Designed lightweight communication between mobile and desktop components for real-time interaction.
- BLOC pattern as the state management pattern.
- Utilized web sockets and Rest API to establish connection.

### Stallet | Work Integrated Learning Project

2020

*Mobile Wallet for government-funded students*

- Developed Client and Admin mobile applications using Flutter Dart.
- Implemented Provider with MVVM as the preferred state management pattern.
- Practiced Test-Driven Development (TDD).

## References

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Available upon request

References include current / former colleagues, and entrepreneurial project stakeholders.