Shine Chikwapulo

Cape Town, South Africa | +27 65 228 9177 | chikwapuloshine@gmail.com
linkedin.com/in/shine-chikwapulo-741b20265 | github.com/ShyneChikwapulo | shine-chikwapulo.netlify.app

SUMMARY

Software engineering graduate (BSc IT) with a strong object-oriented foundation, tested full-stack projects in C#/.NET and Python, and merged open-source contributions.

EDUCATION

BSc Information Technology: Software Engineering 2022 – 2026
Eduvos *Completed 2026; graduation ceremony 2 November 2026*

- 19 distinctions; top mark in cohort for Enterprise Programming in Python (97%); overall average 72.01%.
- Relevant modules: Relevant modules: Programming in Python , Object Oriented Systems Analysis and Design , Data Structures and Algorithms , Database Systems , Enterprise Programming in Python .

TECHNICAL SKILLS

- **Languages:** Java (coursework/Transferable), C#, Python, Dart, TypeScript/JavaScript, SQL
- **Frameworks:** ASP.NET Core, Blazor, Entity Framework Core, FastAPI, Django, Flutter, React
- **Practices:** Object-oriented design, REST APIs, unit testing (xUnit), Git/GitHub, pull requests, Docker, Agile/Scrum
- **Data:** SQL Server, SQLite, Firebase Firestore

PROJECTS

The Butcher's Mermaid: Restaurant Website Sep 2026
C#, .NET 10, Blazor, EF Core, xUnit, Docker *github.com/ShyneChikwapulo/butchers-mermaid*

- Built a website with a database-backed menu, validated enquiry forms with spam protection and a password-protected admin inbox (ASP.NET Core, Blazor, EF Core).
- Wrote 31 xUnit tests covering repositories, admin authentication and the email service, using a stubbed HTTP handler and failure-path cases.
- Integrated the Resend email API behind an interface with error handling; containerised with a multi-stage, non-root Docker image and deployed on Render.

Inkrepublik: Studio Booking Platform Sep 2026
C#, .NET 10, Blazor Server, EF Core, SQL Server, Docker *github.com/ShyneChikwapulo/inkrepublik*

- Designed a four-project layered solution (web, domain, data, services) with dependency injection, interface-based services and EF Core migrations.
- Implemented booking requests with secure token links (256-bit, 30-day expiry) and a cookie-authenticated admin area with validated image uploads.

ML Advisor: Model-Selection App (Team Lead, 4 members) Mar – Jun 2026
Flutter, Dart, FastAPI, Firebase *github.com/ShyneChikwapulo/ml-advisor*

- Led a four-person capstone team and wrote most of the code (56 of 65 commits); ran a develop/feature-branch workflow and merged teammates' pull requests.
- Built an asynchronous FastAPI service (httpx) for an LLM chat grounded in curated summaries of 26 research papers via keyword retrieval.
- Implemented a weighted-scoring recommendation wizard, Firestore-backed admin CRUD and an Android build.

OPEN-SOURCE CONTRIBUTIONS

- **github/docs:** 2 merged pull requests. **appwrite/appwrite:** merged PR #14274, removing 10 dead CI badges (issue #14246). **dotnet/docs:** PR #56393 open, upgrading a sample from .NET 9 to .NET 10 (assigned issue #56293).

EXPERIENCE

Job Shadowing Participant 2–3 Jul 2025
Korbistat / GhostDraft South Africa *Cape Town*

- Observed software engineering, DevOps, QA and Agile/Scrum practice in a two-day placement.

Intern, Dialogue Department Jul – Aug 2023
The Centre for Analytics and Behavioural Change *Remote*

- Facilitated online dialogues and contributed to weekly analytics reports; worked in a remote team using Slack and Agile workflows.