# Gabriel Nkemdirim Junior Angular Developer

Cape Town, South Africa · gabriel.nkemdirim@gmail.com · +27 21 555 0148 · linkedin.com/in/gabrielnkemdirim

## PROFILE SUMMARY

- **Junior Angular Developer** with **2 years** on the **adviser portal** at **Old Mutual**, after **3 years in application support** at Sanlam looking after Angular and .NET broker apps.
- Works in **Angular 20** and **TypeScript**, with **RxJS** and **signals** for state, **typed Reactive Forms**, **Angular Material**, **Jest** and **Cypress**, and ships through **Azure DevOps** pipelines.
- Strongest on **form-heavy journeys** and **production bugs**: reproduces the issue from the support ticket first, then fixes it with a **test that keeps it fixed**.
- Works in a **7-person squad** with **2 senior developers, a business analyst and QA**, joins refinement and code review, and agrees request and response shapes with the **policy API team**.
- Runs the **release handover to support** for the squad, wrote its **guide to reading portal errors in Application Insights**, and is learning **NgRx** for the next client app.

## TECHNICAL SKILLS

| | |
|---|---|
| **Angular & TypeScript:** | Angular 20, TypeScript, JavaScript, Angular CLI, Angular Router, standalone components, signals |
| **State & RxJS:** | RxJS, signals and computed values, BehaviorSubject services, NgRx (learning) |
| **Forms & APIs:** | Reactive Forms (typed), custom and async validators, HttpClient, REST APIs, Swagger |
| **UI Libraries & Styling:** | Angular Material, HTML5, SCSS, Bootstrap 5 |
| **Test Frameworks:** | Jest, Angular Testing Library, Cypress, Jasmine and Karma (older apps) |
| **Performance & Accessibility:** | Chrome DevTools, Lighthouse, WCAG 2.1 AA, axe DevTools, keyboard testing |
| **Build, CI & Monorepo:** | Git, Azure DevOps Pipelines, ESLint, Prettier, npm |

## EDUCATION

**University of Cape Town** — **BSc in Computer Science** — Cape Town, South Africa · Feb 2018 to Dec 2020

## WORK EXPERIENCE

**Old Mutual** — **Junior Front-End Developer** — Cape Town, South Africa · Apr 2024 to Present

- Built the **two-pot savings withdrawal** form in the adviser portal with **typed Reactive Forms** and async validators on the policy API, ready for the 1 September 2024 launch and used for **4,300** adviser requests in week one.
- Made **9** reusable form controls on **Angular Material** with ControlValueAccessor, including an SA ID number field with checksum validation, now used in **3** adviser journeys.
- Replaced BehaviorSubject state on the client search page with **signals** and **computed** values, which fixed stale results after a policy change and cut related tickets from 23 a month to **2**.
- Moved the documents area to a lazy-loaded **standalone** route with its own route guard, shrinking the portal's initial bundle from 2.9 MB to **2.2 MB**.
- Raised **Jest** coverage on the squad's components from 36% to **78%** with Angular Testing Library, and added **Cypress** tests for the withdrawal journey to every Azure DevOps pull request.

**Sanlam** — **Application Support Analyst** — Cape Town, South Africa · Feb 2021 to Mar 2024

- Traced a memory leak in the Angular broker claims app to **14 RxJS** subscriptions with no teardown and fixed them with takeUntil and the async pipe, so brokers stopped reloading the app every afternoon.
- Found a 6-second load on the policy search screen with **Chrome DevTools** and worked with the developers on paging and **OnPush**, bringing it down to **1.8 seconds**.
- Tested the **Angular 12 to Angular 15** upgrade of 3 broker apps against a 140-case regression checklist, logging **31** defects before go-live and none after.