Danei Fyver

Technical Estimator, Quantity Surveying and take-off

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PROFILE

Technical Estimator on large commercial electrical projects in Cape Town. Prepares Bills of Quantities and cost estimates from digital take-off, checks measurement against SMM7 and NRM, and handles variation orders, claims and site valuation. Also designed and built his own take-off software, A.T.L.A.S., so he understands the process from both sides.

ESTIMATION AND QUANTITY SURVEYING

Technical Estimator, Electrical construction, maintenance and labour company (name withheld) Jul 2025 – present

- **Bills of Quantities.** Prepare Bills of Quantities and cost estimates for large commercial electrical projects, using digital take-off.
- **Measurement rules.** Check cable schedules, component ratings and specifications against SMM7 and NRM measurement rules, and against South African compliance requirements.
- **Variations and claims.** Structure and process variation orders and claims, so changes in scope are priced and recorded properly.
- **Site valuation.** Carry out site inspections and technical audits to confirm scope, then turn what is on site into digital estimates and client quotations.

Projects where I am Lead Estimator: Luxury hotel development (V&A Waterfront, Cape Town, in progress); Boutique hotel (Granger Bay, Cape Town); Corporate head office revamp (Century City, Cape Town, completed); Home and lifestyle centre (Cape Town, in progress), and many smaller jobs.

TAKE-OFF SOFTWARE I DESIGNED AND BUILT: A.T.L.A.S.

I designed and built my own take-off system, so I know the process from both sides: the estimator counting drawings, and the engineer building the tool.

- **Drawings in.** Upload the tender drawing set. Revisions are tracked and superseded sheets are detected.
- **Show it a symbol.** Mark one symbol on a real drawing. That is the only training it needs.
- **Every match counted.** It finds and counts every occurrence across the whole set of drawings.
- **Ready for the BOQ.** Quantities are exported in a form that goes straight into the quote.

In beta at atlas.legacy-sa.co.za.

OTHER EXPERIENCE

Founder and Lead Engineer, Legacy Solutions Architecture 2024 – present

- Design and build web software for businesses, written by me: online shops, digital-card and tipping platforms, and construction tools such as ATLAS.
- Also directed commercial electrical work and solar PV installations, from site planning to compliance handover.

Site Foreman and Electrician, Elegex Western Cape Nov 2020 – Jul 2022

- Ran daily site work, crews and material transport across several commercial and residential developments.
- Installed and maintained electrical systems, including solar PV, to statutory compliance standards before handover.

Digital content creator and broadcaster, TheLegacy___ (self-employed) Jan 2020 – Apr 2025

Live and on-demand video on Twitch and YouTube, using watch-time data to refine formats, and social campaigns to bring viewers in.

Earlier roles, Telecoms, ISP and teaching 2013 – 2020

Accounts executive and fibre sales (Vox Telecom), business development (RSAWEB), language consultant (TutorABC) and swimming instructor.

SKILLS

Estimation: Bills of Quantities, Digital take-off, SMM7, NRM, Cost estimating, Variation orders and claims, Site valuation, Excel.
Electrical: Commercial electrical installation, Solar PV, Site supervision, Compliance handover.
Software: Next.js, React, TypeScript, Tailwind CSS, Supabase, Firebase, Vercel, PayFast, Resend, Playwright. Also: Go, PostgreSQL, Nuxt, HTML and CSS, REST APIs.

QUALIFICATIONS AND EDUCATION

Electrical trade qualification: ELCONOP 2, Plus on-site experience as an electrician and site foreman

Diplomas in Web Development and Digital Marketing, Shaw Academy

B.Tech Information Technology (studied, not completed), Central University of Technology, Bloemfontein, 2012 to 2014

School, Northern Cape High School, finished 2010

Languages: English and Afrikaans. Full site: cv.legacy-sa.co.za