

Calvin Durrant

calvindurrant@gmail.com

+27 66 250 4106

South Africa

Web Engineer

PROFILE

Web engineer with a diploma in visual communication and twelve years of shipping web apps, mostly on the front end but comfortable down to the database. I currently build in SvelteKit and TypeScript at Developer Hut, where I work on a multi-tenant promotional campaign platform, lead an AI campaign builder and a property finance system, and maintain the company's component library. Before that I wrote React and Vue at hearX, and Angular at Standard Bank and Nedbank.

SKILLS

Front end	Svelte 5, SvelteKit, TypeScript, React, Next.js, Angular, Vue, Astro, Tailwind CSS, SASS, Storybook
State	Redux Toolkit, NgRx, RxJS, Vuex, TanStack Table, Zod
Back end	Node.js, Bun, Express, PostgreSQL, Drizzle ORM, Firebase, MongoDB, MySQL, some Go
Delivery	Git, GitHub Actions, Docker, Coolify, Sentry, Vitest, Jest, Testing Library, Linear
AI tooling	Claude Code plugins and skills, OpenRouter, AI code review in CI
Design	Figma, Illustrator, Photoshop, SVG animation

EXPERIENCE

Developer Hut Web Engineer Feb 2025 – now · Remote

- GameSights (Kinesis)** multi-tenant engine for branded promotional games
- Built the client portal's reporting suite: first entries, monthly rollups and serials, redemptions and draw winners, with filter bars, column selection, per-day series, previous-period comparison and KPI rows.
 - Added platform admin roles, tenant-scoped user management and invite-link onboarding. Fixed a security issue where integration API keys could read other tenants' reports.
 - Set up Sentry and alerts for failed scheduled jobs and payouts. Release the Kinesis SDK to GitHub Packages and promote staging to production.

- GameSights Studio** lead · an AI agent that builds campaigns from a brief and design files
- Built the agent's skills for wheel, scratch card and gameboard games, Figma handover, Brandfetch lookups, Claude and OpenRouter model selection, and a screen tour where the agent checks every screen before it finishes.
 - Gave each campaign its own private repo through a GitHub App, with commit, restore, stash and undo in the studio. Moved the studio from an Electron app to a containerised Node server deployed from CI.

- Campaign apps**
- 1-To-Win for Flash, running in a mobile WebView: weekly prize drops, a monthly jackpot gameboard with 3D card reveals, coin-based qualification, a leaderboard, serial entry and generated share images.
 - Windhoek 330 Reasons: age gate, registration, plays against the Kinesis engine and prize codes sent by SMS.

- @developer-hut/sui** the company's shared Svelte component library
- Build and release the library: KPI cards, filter bars, multi-selects, date pickers, sortable tables, a file explorer and a CodeMirror editor. Moved overlays to the browser top layer and migrated the GameSights portal onto it, with dark and light themes.

FT Finance lead · deal management for property finance advances

- Built the financial core: settlement calculations, daily fee accrual on outstanding capital, receipt allocation across payouts, sub-deals and net proceeds.
- Added dashboards, generated PDFs (applications, undertakings, schedules) and client-specific CSV exports.

Prototypes and team tooling

- PickPro, a white-label pick'em demo on live Opta football data, and Savanna AR, a WebAR scene anchored to a QR code with three.js.
- dh-skills, the team's Claude Code plugin that takes work from Linear tickets to stacked pull requests, and an AI PR reviewer hardened against hallucinated findings.

SvelteKit · Svelte 5 · TypeScript · Drizzle · PostgreSQL · Firebase · Tailwind · TanStack Table · Docker · Coolify · GitHub Actions · Sentry · Vitest

hearX Front-End Developer

Feb 2022 – Feb 2025 · Garsfontein

- Built hearing screener widgets that clients embed in iframes: they play audio clips and score what the user heard. Wrote the shared packages behind them in a Turborepo monorepo and kept the older Vue widgets running.
- Combined the old Jekyll site and its replacement into one build so pages could move across one at a time, then reviewed PRs and guided architecture on the Next.js and Strapi rewrite.
- Maintained a legacy Angular 8 platform for screening and clinical hearing data and started its rewrite in Next.js. Some work on the Go back end.

React · Redux Toolkit · Next.js · Astro · Vue · MUI · Storybook · Jest · Testing Library · React Hook Form · Zod · Twilio Video · Google Maps API · GA4

EARLIER

IOT.next Intermediate Software Engineer

Sep 2020 – May 2021

Angular apps and a shared library used across them. NgRx, RxJS, Angular Material CDK, Azure pipelines.

Standard Bank Angular Developer

Sep 2019 – Sep 2020

Angular apps and shared libraries with NgRx and RxJS, deployed through GitLab CI.

Nedbank Programmer

Mar 2018 – Feb 2019

UX and UI concepts in Angular 6 for the next nedbank.co.za. NgRx, Firebase deployments.

Code et al Programmer

Nov 2016 – Dec 2017

Node and Express back ends, React and Angular 4 front ends, MySQL.

BigBrave Digital Developer

Feb 2016 – Oct 2016

Node and Express back ends, AngularJS and Bootstrap front ends, MongoDB.

CherryOlive DevOps Engineer

Feb 2014 – Jul 2015

AngularJS front ends, Node back ends, and brand identities with animated SVG icons.

EDUCATION

Open Window Institute Diploma in Visual Communication

2013

Interactive media design, 2D and 3D visualisation, commercial design, audio visual studies.

Willowridge High School Matric

2008

Mathematics, Information Technology, Physical Sciences, Economics.