

Darren Bullock

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EXPERIENCE

EXACTIUS SOFTWARE ENGINEER & TECHNICAL PROJECT LEAD (CONTRACT)

Dec 2025 -- Present | React, Next.js, Python, FastAPI, PostgreSQL, SQL, Hermes, Codex, Claude Code 

linkedin.com/company/exactius

- Partner with Exactius teams across data, product, creative, and operations to turn messy internal requests into scoped technical work, then implement the pieces that need hands-on engineering.
- Build and maintain features for Violet, Exactius's customer-facing analytics platform, working across dashboard workflows, data-backed reporting, publishing flows, and internal tooling.
- Built live context layers for partner work: company baseline, partner facts, current projects, learning agenda, testing roadmap, source links, and review rules kept together in one place.
- Built custom agents and scheduled workflows that pull changing context from meetings, docs, task systems, dashboards, and team conversations, then keep the shared context store up to date.
- Built a managed dashboard publishing service and API for Violet, plus the development workflow around it, so analysts can use Claude Code to create, preview, validate, and ship dashboard code without engineer support for every change.

GLIQUID CO-FOUNDER & SOFTWARE ENGINEER

Jun 2025 -- Dec 2025 | React, Django, Solidity, Foundry, GraphQL

- Co-founded an AMM on HyperEVM based on Algebra Integral v4, reaching over 500M USD in lifetime trading volume and a peak TVL of 5M USD.
- Built the primary frontend, covering pool discovery, liquidity management, swaps, rewards, and all transaction flows.
- Implemented SIWE-based authentication and wallet session management, including signature validation, nonce handling, secure session persistence, rate limiting, and additional hardening.
- Designed and implemented a points-based incentive system in our Django-based API and subgraphs to incentivize long-term liquidity and determine later token distribution.
- Developed and deployed smart contracts enabling advanced position management such as compounding, range edits, single-token withdrawals, and multi-step swaps.
- Handled deployment and maintenance of production infrastructure across smart contracts, API, subgraphs, and frontend.
- Collaborated with external teams to integrate v4 hooks for automated MEV capture, fee optimization, aggregators, and tracking systems.

TIERRA.LIVE SOFTWARE ENGINEER (CONTRACT)

Dec 2024 -- Jun 2025 | Next.js, Solidity, Foundry, GraphQL

- Worked on an on-chain fundraising and token issuance platform integrated with Berachain's Proof-of-Liquidity mechanism.
- Contributed to system architecture and implemented proprietary smart contracts, subgraphs, and APIs.
- Drove development across the stack including frontend features, smart contract testing, and production deployments.

GAAP POINT OF SALE SOFTWARE ENGINEER

May 2023 -- Mar 2025 | TypeScript, Angular, Node.js, Hapi.js, MongoDB

- Built and maintained backend and frontend systems for a large-scale POS and back-office platform used by enterprise retail clients with thousands of stores across the African continent, including KFC, Krispy Kreme, and others.
- Developed reporting and data processing features for sales and inventory movement across hundreds to thousands of store locations.
- Contributed to internal tooling and remote support systems for deployed POS devices.

GAAP POINT OF SALE JUNIOR SOFTWARE ENGINEER

Nov 2022 -- May 2023 | TypeScript, Angular, Node.js, Hapi.js, MongoDB

- Implemented feature enhancements and resolved bugs across both frontend and backend systems.
- Contributed to reporting features and internal admin tools used by operational teams.
- Promoted to Software Engineer within six months based on performance and impact.

CURRENT PROJECT

PREDICTION MARKET -- POLYMARKET CLONE GOLANG, GRPC, MICROSERVICES, SOLIDITY

github.com/CLAM101 [GitHub Project Board](#) [Technical Plan](#) [Build Order](#)

Forked contracts from Polymarket with Go/gRPC services around market creation, order flow, indexing, market data, user APIs, and settlement.

The project is also deliberately being developed agentially. I keep the product plan, technical plan, and build-order graph up to date, break the work into sequenced GitHub issues, use coding agents to implement bounded pieces, then review, test, and feed the decisions back into the docs and conventions. The point is not just to move faster, but to build a workflow where agents can take on real implementation work without me losing architectural control.

It is still in active development and is the main thing I am using to push deeper into agentic development, Go, microservices, and orderbook based trading-system design.

EDUCATION

UNIVERSITY OF SOUTH AFRICA

BCom BUSINESS MANAGEMENT (1 YEAR) & BA PSYCHOLOGY (1 YEAR)

2015--2016 | Johannesburg, RSA

CROSS ROADS HIGH SCHOOL

Graduated 2014 | Johannesburg, RSA

SKILLS

Highly Competent:

TypeScript • Angular • Node.js • MongoDB • Hapi.js • React.js • Next.js • Agentic Development • Hermes • Codex • Claude Code • Cursor

Competent:

Django • Foundry • GraphQL • Solidity • Python • FastAPI • PostgreSQL

Familiar:

Golang

REFERENCES

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