Dylan Friedman

Cape Town based Software Engineer

TypeScript · React / Next.js · React Native · Python · PostgreSQL · AWS

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EXPERIENCE

Contract Developer & Consultant · godHand — Feb 2026 – Present

- Helped build an automated domestic violence reporting system with a built-in chatbot (Feb – Mar 2026).
- Continue as an ongoing consultant to godHand.

Contract Developer · Ludi-TV, for Macawls (Josh Macauley) — Aug 2026

- Delivered front-end focused contract development work on Ludi-TV for Macawls.

Systems Analyst & Developer · SA Ubuntu Foundation (via UCT INF4026F) — Mar – Jun 2026

- Led a digital transformation and CRM strategy for a national NGO, with a phased roadmap: Zapier onboarding automation (R7.25k/month ROI), payment consolidation and a Monday.com migration.
- Built the MVP of a custom CRM (FastAPI, PostgreSQL, Next.js) to replace fragmented legacy systems; identified an R500k+ ARR growth opportunity through data segmentation and POPIA-compliant infrastructure.

Junior Fullstack Developer · TeamGeek — Sept 2025 – Feb 2026

- Worked across the front-end, back-end and infrastructure of Submitt using React Native, Python, Flask, GraphQL, PostgreSQL, SQLAlchemy and multiple AWS services.
- Worked with a local team and collaborated asynchronously with my team lead in Canada.
- Wrote extensive documentation and system tests.

Software Development Intern · TeamGeek — Nov 2024 – Feb 2025

- Built the front-end of 2 contracted websites over 3 months.
- Made 300+ commits to Direct Debit.
- Built a prototype payment system for Brilliant Labs.

Private Maths & Physics Tutor · High school — 2022 – 2024

- Tutored 4 students, mainly 2 of them over 3 years.
- Wrote notes and custom past papers for each student.

EDUCATION

BCom (Hons) Information Systems · University of Cape Town — 2026 – 2027

- **Honours Research Project (INF4024W):** socio-technical factors affecting the adoption of digital domestic violence reporting systems in Cape Town; qualitative case study of the Protection Order Online portal using interviews and NVivo thematic analysis. Supervisors: Prof. Wallace Chigona and Dr Donald Flywel Malanga.

BSc Computer Science & Business Computing · University of Cape Town — 2022 – 2025

- Courses include Algorithms and Data Structures, Machine Learning, Information Systems, IT Project Management, Software Development Life Cycles, Financial Management, Mathematics, Discrete Maths, Applied Maths, Physics and Astronomy.

Herzlia High School — Matriculated 2021

- 6 distinctions with an 84% average; Prefect and head of Arts and Culture; 10 years of drumming lessons.

TECHNICAL SKILLS

Languages	Python, JavaScript, TypeScript, Solidity, Java, C#, C++, MIPS (Assembly), SQL
Frontend	React, React Native, Next.js (App Router), React Three Fiber, Tailwind CSS, shadcn/ui, Motion
Backend & data	Flask, FastAPI, GraphQL, .NET, PostgreSQL, SQLAlchemy, SQLite, SAP S/4HANA
ML	PyTorch, TensorFlow
Infra & tooling	AWS, Docker, Linux, Git/GitHub, Figma-to-code workflows
AI-assisted dev	Claude Code agentic workflows, MCP servers (Context7, GitHub, Figma, Playwright)

PROJECTS

Grounded Art · startup · grounded-art.co.za — Jan – Sept 2026

- Turned my W3Node hackathon build into a startup at the start of the Back the Builders competition: a product for discovering local and hidden art galleries in South Africa, shaped by quantitative survey research.
- Origin (W3Node Hackathon, Jan 2026): a containerised, production-style system with a self-hosted API backend and blockchain integration for artist wallets, powering a Solana-based artist tipping system.

TellMe · BuildersTable Hackathon · tellme.on-forge.com — Aug 2026

- Built the frontend of a working end-to-end prototype web app integrating Telegram, for production coordinators managing 5–20 person crews on multi-day, multi-city shoots, using React 19, shadcn/ui and Tailwind CSS v4.

Cars4Mars · UCT Space Society · cars4mars-website.vercel.app/ — July 2026

- Built the team's website and handed it over to the UCT Space Society for Cars4Mars 2026, a Mars rover prototype competition.

MediChain · BlockDAG Hackathon — Aug 2025

- Built a live, patient-focused medical record platform on blockchain technology.

Insurance Claims Web App · UCT DevSoc x Resembler.ai Hackathon — Mar 2025

- Built a web app that partially automates insurance claim forms and lets users share and track car accident incidents and close calls.

Job Match SA · Interledger Hackathon — Oct 2024

- Built a web app for domestic job listings using Open Payments, a marketplace matching employers and employees.

Automated Reading Tutor · UCT 3rd-year CS project — Oct 2024

- Built a fully responsive web app that works as an automated reading tutor.

Student Funding Platform · UCT Financial Hub x Interledger Hackathon — Jun 2024

- Built a web app using Open Payment Systems, aimed at revolutionising student funding.

AWARDS & RECOGNITION

3rd place	Back the Builders (Indie Hackers) · Grounded Art	2026
2nd place	UCT DevSoc x Resembler.ai Hackathon · Insurance Claims Web App	Mar 2025
Selected to present	UCT School of IT Project Expo · Automated Reading Tutor	Oct 2024
3rd place	UCT Financial Hub x Interledger Hackathon · Student Funding Platform	Jun 2024
Completed	Polygon-sponsored Blockchain and Solidity Workshop	Oct 2022
Fellow	Diller Teen Fellows Leadership Programme	2019 – 2020

INTERESTS

Entrepreneurship	Regular at developer meetups, entrepreneurship events and conferences.
Drumming	Play at open nights and sit in for bands' drummers.