DANIEL BERNARDES ARAÚJO

Junior Full-Stack Developer · Django, React, TypeScript

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SUMMARY

Full-stack developer (Django, React, TypeScript), one of two developers on a production system at a Brazilian state finance department. I build apps end to end, and I measure what I build.

EXPERIENCE

IT Intern — Software Development | **EGEFAZ, Tocantins State Department of Finance** *Nov 2025 – Present*

- Build and maintain SIGEfaz, the in-production system that runs the whole lifecycle of training events for public servants: registration, enrollment, attendance, evaluations, PDF certificates and room booking.
- One of two developers: we pair-program across the whole system, and I help shape its architecture and how it evolves.
- Backend in Django 5 and Django REST Framework on PostgreSQL: versioned REST APIs, JWT auth and Swagger/Redoc docs, including the Attendance, Evaluations, Certificates and Agencies/Regions APIs.
- Frontend in React 19, TypeScript, Vite and Tailwind CSS with TanStack Query and Zustand. Built the room-booking flow as a pair: pre-booking, overlap checks, monthly calendar and printable agenda.
- Gather and validate requirements directly with internal stakeholders before building; data modeling and migrations, pytest, Docker and Nginx deploys, and the move to the official state government domain.

Administrative Assistant | **Winnes, family sports-coaching business: front desk and daily operations** *Dec 2023 – 2025*

PROJECTS

Caderneta — Store-Credit System | **In production** *2026*

- Django + React + PostgreSQL app running with Docker on a local market's counter PC, replacing the paper credit-sales notebook: 47 customers, none on paper anymore. Built for a non-technical owner: sale form first, daily backups.

Repartments — GitHub Profiles as 3D Buildings | **Live at building.repartments.dev** *2026*

- React Three Fiber app that turns a GitHub user's public repos into a 3D apartment building. Cut draw calls per frame from 1,836 to 236 (about 8× fewer) by merging the static geometry and instancing the characters.

IRun — Mobile App for Running Groups | **Private, in progress** *2026*

- Django + React Native (Expo) app: 1,000+ automated tests, CI on SQLite and PostgreSQL, every API route tried as 5 attacker profiles. p95 latency fell from 8.5 s to 1.3 s at 120 simulated users after enabling SQLite's WAL mode.

FGT Mobile — Food Festival App | **Private, in progress** *2026*

- Django REST Framework + Expo app for a food festival in Tocantins, used by visitors and food stalls. Listing 40 orders went from 125 database queries to 8, with a test that fails if it rises; 133 req/s at a 113 ms p95 under load.

Akira Assistant — Personal AI Assistant | **Open source** *2026*

- Telegram assistant on my own PC: to-dos by text or voice, morning email/calendar digest. A constrained-JSON classifier on a local model (Ollama) understood 41/41 test phrases, up from 65% with free-form tool calls. Built with Claude Code.

SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Java, C#, HTML, CSS

Backend: Django, Django REST Framework, PostgreSQL, JWT authentication, pytest

Frontend and mobile: React, React Native + Expo, Vite, Tailwind CSS, TanStack Query, Zustand, React Three Fiber

Delivery: Docker, Nginx, Linux, GitHub Actions, Git, Jira, Figma

AI-assisted development: Claude Code, Codex, local LLMs (Ollama); work split into clear tasks, results checked with tests

EDUCATION

Ceulp/ULBRA – Lutheran University of Brazil *Feb 2025 – Dec 2028 (expected)*

Bachelor's Degree in Computer Science, evening program (4th semester).

LANGUAGES

Portuguese (native) · English (advanced, C1, EF SET certificate) · Spanish (basic, A2)