

GABRIEL NOBREGA

Full-Stack Developer | TypeScript, Python, NestJS & Next.js

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PROFILE

Full-stack developer working across web applications, APIs, automated data collection, and infrastructure. Responsible for developing and evolving Artemes, a judicial data platform focused on Brazilian court-ordered government payments (precatórios and RPVs). Experience connecting frontend, backend, crawlers, and data persistence, alongside freelance backend and mobile projects.

PROFESSIONAL EXPERIENCE

Artemes | Full-Stack Developer

Present

- Developing and evolving the web interface, APIs, crawlers, database, and infrastructure of a judicial payment data platform.
- Connecting information collected from court systems with search, document, and team organization workflows.
- Modeling and maintaining data for cases, payment orders, participants, and documents while preserving their relationships within the product.

Ecosystem: Next.js, React, TypeScript, NestJS, Kysely, PostgreSQL, Python, and Temporal.

Addebitare | Freelance Developer

Nov 2023 - Feb 2024

- Developed backend services, infrastructure, and crawlers for a judicial payment search and management platform using FastAPI and Motor (MongoDB).
- Implemented authentication, data validation, and service integrations.

Korpay | Freelance Mobile Developer

- Developed a mobile banking application with React Native and Expo, including build management for Android and iOS.

SELECTED PROJECTS

Tower of Fantasy - Python/FastAPI for game data, accompanied by a Discord bot and an SDK generated with Stainless.

python-webp - Python CLI for batch image conversion, with quality control, resizing, and directory processing.

TECHNICAL SKILLS

Backend & data: Python, TypeScript, Node.js, NestJS, FastAPI, Kysely, SQLAlchemy, PostgreSQL, and MongoDB.

Frontend & mobile: React, Next.js, React Native, and Expo.

Infrastructure & automation: Temporal, Redis, Docker, Docker Compose, AWS, APIs, and crawlers.

EDUCATION & LANGUAGES

Zero To Mastery Academy - Python Developer | Oct 2022 - Jan 2023

Portuguese: native | English: professional proficiency | Spanish: limited professional proficiency.