

MATHEUS PERGOLI

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PROFILE

Frontend-focused Full Stack Developer with solid experience building scalable and high-quality web applications using modern JavaScript and TypeScript ecosystems. Strong background in frontend engineering, while also designing and implementing backend services and APIs. Focused on clean architecture, performance, maintainability, and developer experience. I am particularly interested in scalable frontend architectures, design systems and modern web platforms.

WORK EXPERIENCE

Full Stack Developer, Operdata Consulting - 2023 – Present

- Led the modernization of the company's development workflow by transitioning from separate frontend and backend repositories to a standardized monorepo architecture, now adopted across all development teams.
- Contributed to the design and implementation of the company-wide design system and component library, used as the foundation for all frontend projects and shared across the organization.
- Helped design and build a centralized authentication and authorization platform, responsible for authenticating all applications and enforcing hierarchical, role-based access control.
- Collaborated on the development of the company's internal platform, a gamified social network centralizing blogs, posts, podcasts, seminars, tutorials, and internal knowledge.
- Developed and maintained shared internal libraries (custom hooks, form abstractions, utilities) reused across multiple projects to standardize patterns and improve developer experience.
- Became part of the product team, taking full ownership of end-to-end initiatives — from idea validation and technical design to implementation, delivery, and POCs that generated real product value.

PROJECTS

- [DraftCode](#): Frontend challenges platform designed to help developers practice real-world UI.
- [DraftAuth](#): Reference implementation of a centralized authentication system built on top of @draftlab/auth.
- [Safe Action](#): Type-safe runtime validation for Next.js Server Actions, inspired by tRPC.
- [@draftlab/db](#): SQLite-based browser database using Web Workers and OPFS for local-first applications.
- [@draftlab/auth](#): Universal authentication provider implementing OAuth 2.0 and web standards.

SKILLS

- **Frontend**: React, Next.js, TypeScript, Tailwind CSS, Frontend Architecture, Design Systems
- **Backend**: Node.js, Bun, NestJS, REST APIs, Authentication & Authorization, OAuth 2.0
- **Data Management**: TanStack Query (React Query), SWR, Zustand, Context API, Nuqs, Redux
- **Testing & Quality**: Jest, Vitest, React Testing Library, Cypress, Playwright, MSW
- **DevOps**: Docker, Monorepo Architecture, CI/CD, GitFlow, Git, GitHub, Linux
- **Databases**: PostgreSQL, MySQL, MongoDB, SQLite, Prisma, Drizzle, Local-first architectures
- **Cloud & Platforms**: Vercel, Cloudflare, Cloudflare Workers, Serverless & Edge Runtime, AWS
- **Developer Tooling**: ESLint, Prettier, Biome

EDUCATION

Associate Degree in Systems Analysis and Development - Uniasselvi — São Paulo, Brazil 2023 - 2025