

Eduardo Damasceno Guedes

São Paulo, Brazil — open to 100% remote

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Senior software engineer with 20+ years building for the web. Most recently delivered a production identity-verification platform (KYC, liveness, anti-fraud) used at government scale in Brazil — ~1,200 commits across six applications. Deep in React and TypeScript — design systems, browser computer vision, performance, cross-device behaviour — while owning the surrounding surface end to end, from AWS infrastructure and CI/CD to observability and security. Previously shipped applications used by millions of users across ~15 Latin American countries. Uses AI-assisted development (Claude Code) in production, with every change reviewed and tested.

Core Competencies

- **Front-end:** React 18/19, TypeScript, Next.js, Vite, Redux Toolkit, Tailwind CSS; design systems, Storybook, accessibility, code splitting, performance profiling.
- **Identity & Anti-fraud:** MediaPipe on-device computer vision, liveness and facial challenge flows, document capture with MRZ reading, device fingerprinting.
- **Back-end:** Node.js, Python, PHP/Laravel, REST and GraphQL, Strapi, PostgreSQL, MongoDB, Redis.
- **Cloud & DevOps:** AWS (S3, CloudFront, IAM, OIDC federation, CodePipeline), GitHub Actions, Docker, Vercel; multi-environment pipelines with approval gates.
- **Applied AI:** Google Gemini image and video generation pipelines; AI-assisted development at scale with Claude Code and Cursor.

Professional Experience

- **OneBox** **São Paulo, Brazil**
Software Engineer *2025–Present*
*OneDocs — identity verification, liveness and anti-fraud platform, in production for two enterprise clients including SPTrans, São Paulo's public transport authority. **Sole front-end engineer** on the product team (2 back-end engineers, a tech lead and a PO).*
 - Built and maintained six applications: five chained, customer-facing capture SPAs (session entry with desktop-to-mobile QR handoff, liveness, document capture) plus an internal operations dashboard for manual review. The liveness app alone handled **800,000+ capture sessions** in production between April and August 2026 — ~200,000 per month, predominantly mobile, with an **average completion time of 1.5 minutes**.
 - Implemented liveness detection with MediaPipe FaceLandmarker (468 landmarks, on-device WASM inference): four-step facial challenge, auto-capture driven by stability detection, framing hysteresis and in-frame validation. Migration from the previous library improved eyeglasses support and reduced bundle size.
 - Built the client-side anti-fraud metadata layer — device fingerprinting, geolocation, and IP detection with a three-provider fallback chain — and integrated Scanbot SDK for document capture with MRZ and QR reading.
 - Built the operations dashboard used by human reviewers (React 19, Redux Toolkit with RTK Query, JWT auth): real-time review queue, risk analysis, and side-by-side comparison of selfies and document images, on a component library documented in **Storybook**.
 - Led the CI/CD migration from AWS CodePipeline to GitHub Actions with **OIDC federation**, eliminating static deploy credentials and applying least-privilege IAM policies per project and environment. Designed the staging environment end to end — S3 Website hosting and a shared multi-origin CloudFront distribution routing several applications by cache behaviour. Deploys in ~2–3 minutes.
 - Found and remediated exposed credentials embedded at build time and in versioned documentation — then **built a pre-commit hook that blocks commits containing tokens, private keys or account identifiers**, turning a one-off fix into ongoing prevention.

- **SurfSup New Zealand** **Remote**
Full-stack Developer (contract) *2024–2025*
 - Proposed and led the migration from WordPress to Next.js (SSR) with Tailwind, Strapi and PostgreSQL in Docker on a VPS, improving load speed, SEO and hosting cost.
 - Owned deployment, backups, environment monitoring, on-page SEO and analytics.
- **Smart Fit** **Remote, LATAM**
Front-end Developer *2020–2024*
 - Built high-traffic applications used by **millions of users across ~15 Latin American countries**, with Next.js, TypeScript, Node.js, REST APIs, Ruby on Rails, Docker, Semaphore CI and AWS.
 - Contributed to the new client space application, delivering a completely new experience to the customer base.
 - Worked in Agile/SCRUM teams, collaborating through rigorous pull requests and code review.
- **Various** **Brazil**
Earlier experience *2002–2020*

Front-end and full-stack roles at ACE Startups, Equitem Multiplo, A2ad, Rio Surf N Stay, Universidade de São Paulo, Agência DPI, DENDRIX, Humortadela and WebSoluções.

Entrepreneurship

- **Quero Brinde** **São Paulo, Brazil**
Co-founder & Software Engineer *2025–Present*
 - Created and ran the company's sales channel from scratch, using AI to produce professional marketing assets at a scale a solo operator could not otherwise reach.
 - Built the end-to-end AI content and listing pipeline in Python — product mockup through Google Gemini image generation to published marketplace listings — matured over a year from fully manual execution. **Cut content production from 22 to 1.5 minutes per item (93% reduction).**
 - Integrated the Mercado Livre API over OAuth (listings, variation groups, listing tiers, bulk updates) and built sponsored-ads management with budget and ROAS strategy.
- **Mahalo Brownie** **São Paulo, Brazil**
Founder & Developer *2015–Present*
 - Built the company website and led wholesale production, delivering 2,000+ units monthly to 10+ B2B partners. Ran the business full-time between Smart Fit and SurfSup.
 - Built and runs the business's financial system in production (Laravel 13, PostgreSQL, Docker on a VPS): OAuth 2.0 integration with the Bling ERP, idempotent background sync, and automated monthly P&L computed from product recipes, fixed costs and pricing parameters.

Education

- **ETEC São Paulo** **Brazil**
Technical Degree in Information Technology *2000–2002*

Languages

- Portuguese (native), English (C1, advanced), Spanish (B1, basic).

References

- Available upon request.