Ilton Andrew
Tech Lead & Senior Software Engineer

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PROFESSIONAL SUMMARY

With 6+ years of experience in software engineering, I have led the development of robust data platforms and guided cross-functional teams to enhance collaboration and innovation. Proficient in several engineering tools, I have optimized deployment pipelines and boosted online visibility. Skilled in UI design and AI integration, I have significantly improved team productivity and workflow, ultimately enhancing client engagement and awareness.

EDUCATION

Bachelors in Electrical Engineering & Computer Engineering
Escola Politécnica da Universidade de São Paulo   São Paulo • 02/2018 - 12/2022

- **Extracurriculars**: Poli Júnior (built custom apps; taught React/React Native/Node.js and software architecture; organized *Workshop Integrativo*, LATAM's largest university recruitment fair, and created a WhatsApp chatbot to boost conversions). Amigos da Poli Endowment (rebuilt the brand website and shipped a real-time, gamified donations dashboard that increased engagement).
- **Capstone**: *Digital Platform for the Private Credit Market (OpenCRI)* — designed the architecture and implemented an MVP to centralize CRI buy/sell listings and negotiations, improving transparency; project delivered in partnership with RBR Asset Management using a five-view (Business, Information, Computational, Infrastructure, Technology) architecture approach.

WORK EXPERIENCE

Media Hero   02/2023 - Present
Head of Software Engineering

- Led a cross-functional team to create a robust data platform, fostering collaboration and innovation, which significantly improved data accessibility for stakeholders and clients.
- Developed a robust platform using Next.js, tRPC, and Prisma within 9 months, and also managed deployment pipelines with Terraform on GCP.
- Led initiatives to improve collaboration with Linear by managing AI agents, which enhanced team productivity and innovation, achieving significant workflow improvements.
- Designed and implemented a cohesive UI using Ant Design, Shadcn, and Tailwind, metrifying it with PostHog to measure client engagement.
- Spearheaded the development of the company's first website using Webflow, significantly boosting online visibility and awareness.

XP Inc.
08/2022 - 02/2023

Treasury Software Engineer

- Worked at XP developing tools to improve the workflow and reliability of processes and on data centralization for our several databases and systems.
- Also worked on a web project that aimed to show in real time current financial data of the institutions, constantly collecting feedback directly from analysts, implementing and prioritizing features that would make their work more productive and assertive.

Pipefy
01/2021 - 07/2022

Jr. Software Engineer

- Was part of Young Guns Tech, a Trainee program that allowed me to move between the company's areas and get to know our product and its customers.
- Throughout my career I have developed several features for the platform, Share Inbox, Form Hub, Guest Portal and in the Product-led Growth (PLG) area improving the platform conversion through improved usability and FTUE.
- During my time on the PLG, I worked closely with our designers to develop several A/B tests to increase our conversion in the platform.
- Worked with TypeScript, React, GraphQL, Ruby on Rails, Elixir and other technologies.

XP Inc.
12/2019 - 02/2020

Summer Intern

- Worked at Project Squad, where I developed a Django-based portal for monitoring fund performance, I developed funds dashboards in Power BI to integrate with the Portal and also developed a series of automations to improve the quality of life of members of the area, in addition to managing and testing updates of platforms in the area.

VOLUNTEERING & LEADERSHIP

Poli Junior
11/2018 - 01/2021

Software Engineer
São Paulo, SP

- Developed custom applications for several clients using Django, React, React Native and NodeJS.
- Introduced and taught React, React Native and NodeJS technologies, as well as notions of Software Architecture for the company in order to improve the quality of our projects.
- Also had the opportunity to organize the Workshop Integrativo, the largest recruitment fair in Latin America. To improve the performance of the event, I developed with a team an information system project based on Django, responsible for digitizing and centralizing the fair's data.
- During the event, developed a Whatsapp ChatBot to optimize conversions and event traffic.

Amigos da Poli
Tech Volunteer

- Developed the 2020 Project Notice website, using Angular, and developed the new Brand website with CMS using React and Gatsby technologies.
- The new website was crucial to increase conversion and donations to the fund, for the Month of Donating, I developed a dashboard that displayed the number of donations in real time in a gamified way, which increased donor engagement during the event.

PROJECTS

Zoroscopo
Personal Project

https://zoroscopo.vercel.app/
AI-powered, privacy-first astrological readings in Brazilian Portuguese that rigorously validate solar sign, ascendant, houses, planetary influences, and current transits.
Stack: Next.js, React, TypeScript, Tailwind CSS, shadcn/ui (Radix), tRPC, TanStack Query, Zod, Prisma + PostgreSQL (Neon), Resend (magic link), Google Generative AI (Gemini 2.5) via ai SDK, OpenStreetMap Nominatim (geocoding), Vercel for hosting

Gege Converter
Personal Project

https://converter.gege.codes/
Ultrafast, privacy-first image converter (JPG, PNG, AVIF) with batch processing and quality control. No uploads—everything runs in your browser.
Stack: Next.js, React, TypeScript, TailwindCSS, Sharp (image processing), pdf-lib (PDF tools), i18n, Next Metadata SEO, AdSense, Jest + Testing Library, ESLint, Vercel for hosting

CERTIFICATIONS

Associate Cloud Engineer
Google

12/2024 - Present

Duolingo English Test - 130
Duolingo

08/2022 - Present

AWARDS & SCHOLARSHIPS

1st Place
Visagio Hackathon

SKILLS

Web Development: Astro, Elixir, NextJS, NodeJS, React, Rust, tRPC, TypeScript

Cloud: AWS, Azure, GCP, Terraform

Data: Metabase, PowerBI, Python

Design: Figma, Webflow

Project Management: Linear, Notion, Pipefy

Languages: English — Fluent, Portuguese — Native