ERIC RODRIGUES PIRES

Age: 29 years old (November 3rd, 1995)
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OBJECTIVE

I'm a **computer engineer** with experience on software projects, having previously specialized on **full-stack development of web applications**. My specialty is using my whole range of skills for developing entire systems, from conceptualization and research to architecture and implementation; developing the back-end, functionally simple front-ends, their APIs, and dealing with a minimum of the infrastructure side. I'm also capable of **quickly and flexibly picking up new knowledge** to handle existing software systems, researching both documentation and source code to support them properly.

Having returned to the job market, I'm ready to tackle new challenges and thrive with the skills I excel at. Nothing motivates me more than **learning about new technologies**, especially when it involves open-source projects and bleeding-edge paradigms, and I'm eager to solve problems and face new challenges in a healthy work environment.

EXPERIENCE

Software engineer *(Artemis Technologies, Jan. 2025 – present)*
I work at a tech company for the analysis of legal proceedings in Brazil, acting in the sourcing of legal claims. I'm responsible for the integration of our CRM with the database, including the automation of leads and legal cases for the commercial and juridical areas, as well as report generation. I've helped develop the monolithic architecture (Django, Celery) and the eventual restructuring into micro services (FastAPI, SQLAlchemy, Temporal).

Open-source developer *(independent, Nov. 2024 – present)*
I currently develop Sandhole (https://sandhole.com.br/) – a reverse proxy based on SSH, which allows exposing services behind NAT – and Duper (https://duper.dev.br/) – a file encoding that is an extension of JSON, with modern features like extra types, comments, and identifiers. This has led me to help out with other open-source projects, focusing on Rust contributions.

Project analyst *(NIC.br, Jun. 2018 – Aug. 2021)*
I initially joined the projects department as an intern for 8 months, working on their suite of Internet traffic measurement tools. Before being hired, I took on more responsibilities over the micro-services in the decentralized architecture, including the bandwidth measurement webapp. The highlight of my career was following up on a design sprint and developing a new real-time web platform from scratch. By the end of twelve months, I had concluded the full-stack solo development of an MVP, delivering a functioning product for use by Internet Service Providers in Brazil, to monitor network issues on the consumers' end or the Internet Exchange.

Other software development internships *(various, May 2016 – Dec. 2017)*
I had experience in multiple companies throughout my bachelors, thanks to the four month internships demanded by my course. My responsibilities varied widely, as did the technologies involved, and my work included data automation, development for an online education platform, and a web-app for remote management of embedded devices. I quickly picked up on unfamiliar and undocumented systems, delivering beyond my superiors' expectations.

Voluntary event helper and organizer *(Colégio Santa Cruz, Jan. 2014 – Mar. 2020)*
I've helped with organizing an annual educational math-themed gymkhana. Organized by my high school, I've participated as a voluntary for six editions, helping with more tasks each time. Contributions include creating puzzles and media, reviewing materials, composing theme songs, and helping with the organization throughout the event.

EDUCATION

Bachelor's in Computer Engineering: University of São Paulo, Escola Politécnica, 2018
High school: Colégio Santa Cruz, 2013

SKILLS

Languages: Portuguese (native speaker), English (fluent), Spanish/French (basic).
Programming: Professional experience with Python, Typescript, React, Golang, and Kotlin.
Hobbyist experience with Rust, Vue, and Ponylang.
Frameworks and technologies: Very comfortable using Linux, Docker, Git, REST APIs.
Considerable experience with Kubernetes, GraphQL, Kafka, TailwindCSS.