Gabriel Arruda

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Synopsis

Software Engineer, focused on developing enterprise applications and data pipelines. A versatile professional with a broad range of interests. I enjoy experimenting with new technologies and adapt quickly to them. Committed to software quality and API design. Passionate about Cybersecurity. FLOSS enthusiast. Currently pursuing a degree in Computer Science.

Projects

- **Automated Cloud Deployment (Kubernetes + GCP)** Created a CI/CD pipeline for automatic deployment of cloud-native applications. I used Kubernetes, Docker and Terraform for infrastructure provisioning.

- **URL Shortener (Actix Web + Next.js)** Developed a scalable and efficient link-shortening service using Rust (Actix Web) for the backend, Next.js for the frontend, and Supabase (PostgreSQL) as the database.

- **AcessoBolsas.com (Django + JavaScript + HTML + CSS)** Developed a web platform to assist students in finding scholarships at their universities. Built with Django for the backend and JavaScript, HTML, and CSS for the frontend. The platform allows organizations to publish scholarship opportunities while providing students with an intuitive and efficient search experience.

- **ForecastCrab (Rust + Egui/Eframe)** Created a simple weather forecasting application in Rust with a sleek and responsive UI using Egui/Eframe. The application fetches real-time weather data from reliable APIs, allowing users to view current conditions for their location or any searched city. Designed for ease of use and accurate forecasts.

Education

BSc Computer Science, Pontifícia Universidade Católica do Rio de Janeiro (2023–).

Technologies

Programming Languages: Rust, Python, JavaScript, TypeScript, C, C#.
Web Development: HTML, CSS, Tailwind, REST, Next.js, React, Actix Web, Angular.
Cloud Computing: Kubernetes, Docker, AWS, Azure, Google Cloud.
Databases: MySQL, PostgreSQL, MongoDB, Firebase.