

GABRIEL FRANZERI

SOFTWARE DEVELOPER

CONTACT

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- github.com/gabref
- Rome, Italy

SKILLS

- Programming Languages:** Rust, Go, C, Python, JavaScript/TypeScript
- Software Development:** Full-Stack Development, REST APIs, Library Development (Dynamic & Static)
- Tools:** Docker, GitHub Actions, Neovim, tmux
- Desktop Applications:** Tauri, Rust, C#, VB6, Golang
- Cybersecurity & Performance:** Secure coding practices, performance optimization

EDUCATION

- Bachelor's Degree - Computer Science**
42 ROMA LUISS 2024 - Present
- Associate Degree - Information Technology**
ANHEMBI MORUMBI 2021 - 2024

LANGUAGES

- English - C1 Advanced
- Portuguese - Native
- Italian - Fluent
- French - Intermediate
- Spanish - Basic

WORK EXPERIENCE

CO - FOUNDER

- EMBED 2023 - 2024
- Led the development of advanced libraries using Rust, GoLang, C and Java
 - Developed desktop applications
 - Implemented web APIs
 - Contributed to Embed's Innovative software solutions

JUNIOR DEVELOPER

- ELGIN 2021-2023
- Created comprehensive and user-friendly code examples in Delphi, VB6, C#, Python, and Nodejs. Developed code examples for desktop applications.
 - Created code examples for mobile platforms like Flutter, Java, and Kotlin.
 - Facilitated developers' understanding and utilization of libraries.
 - Improved developer onboarding.
 - Optimized integration processes.

PROJECTS

EMBED PAYMENT LIBRARIES

- Technologies:** Rust, C
- Contributions:** Crafted Embed payment libraries integrating various Brazilian payment methods (dll and so) to streamline payment processing for enhanced user convenience and security.

VIRTUAL DEVICE TESTING PLATFORM

- Technologies:** Next.js, TypeScript, Tailwind CSS, Express.js, Node.js, Socket.io, WebRTC
- Contributions:** Developed an innovative platform to reduce product testing costs by enabling remote interaction with physical devices via real-time video streams and control interfaces. Created an admin interface for device monitoring and a user interface for testing using Next.js, TypeScript, Tailwind CSS, Express.js, Node.js, Socket.io, and WebRTC. Ensured secure, single-user access per testing room with live video and interactive controls.

EMBED DESKTOP APP

- Technologies:** Tauri, Rust, C, Golang
- Contributions:** Crafted the Embed Desktop App, a versatile payment processing application that seamlessly integrates Embed libraries to facilitate transactions via various methods such as HTTP REST API, file inputs, and user interactions.

ELGIN EXAMPLES

- Technologies:** Delphi, VB6, C#, Nodejs, Python, Java, Kotlin, Flutter
- Contributions:** Created code examples for integrating with libraries (dll, so, aar) on desktop and Android platforms; facilitated integration for developers.