Silvio Clécio

Senior Software Engineer

Campina Grande, Paraíba, Brazil
+55 83 99954-4637
silvioprog@gmail.com

GitHub: github.com/risoflora
LinkedIn: linkedin.com/in/silvioprog

Results-driven Software Engineer with a focus on design and implementation of web and mobile applications. With more than 10 years of experience in developing cutting-edge engineering solutions with a wide range of technologies. Excellent problem-solving and ability to perform well in a team. Skilled in agile processes, back-end and front-end development, creating websites and applications that integrate with REST APIs.

| WORKING EXPERIENCES

SecurityScorecard (Feb 2022 - Present)
Senior Software Engineer

Activities and responsibilities: Senior Software Engineer, maintaining the frontend and backend of a platform application that provides cybersecurity information to find and resolve critical security risks before they become breaches.
Technology stack: JavaScript, TypeScript, NodeJS, Express, Slonik, Jest, Cypress, GIT, Docker, PostgreSQL, MongoDB, Datadog, JIRA, Confluence, Slack, Scrum.

WK Technology (Apr 2021 - Jan 2022)
Senior Full-Stack

Activities and responsibilities: Senior Full-Stack, creating different kinds of applications and libraries by outsourcing projects, like VueJS applications, NodeJS REST APIs, web applications for speech recognition using Web Speech API.
Technology stack: JavaScript, TypeScript, C, NodeJS, GIT, Docker, JIRA, Clockfy, Slack, Scrum.

Duall Sistemas Ltda (Mar 2013 - Apr 2021)
Senior Full-Stack

Activities and responsibilities: Senior Full-Stack, developing websites, PWA applications and REST APIs for order management and online sales. Developed command line applications and libraries for network communications, database backup, compression and general tooling. Linux and Windows server administration in AWS products for deploying customers web sites. Chrome and Firefox extension development for loading RSS feeds. Developed PostgreSQL extension, solving specific demand for online data backup via database engine. Lead developer of Open Source network projects distributed under MIT, Apache and LGPL licenses, available at the Risoflora Organization: github.com/risoflora.
Technology stack: JavaScript, TypeScript, HTML, CSS, C, Rust, CMake, Doxygen, Shell/Bash, NodeJS, Express, ReactJS, VueJS, SvelteKit, Bootstrap, Jest, Responsive Design, PostgreSQL, SQLite, Docker, GIMP, GIT, TravisCI, GitHub, GitLab, Markdown, Visual Studio Code, IntelliJ.

| OPEN SOURCE PROJECTS

Invoice Generator (Present)
Invoice generator for Google Chrome and Microsoft Edge
Invoice Generator is a Google Chrome and Microsoft Edge extension to create service invoices documents and export as PDF. Web site: chrome.google.com/webstore/invoice-generator. Repository: github.com/risoflora/invoice-generator.

React Challenge (Present)
React/Redux application for technical evaluations
React Challenge The goal of the exercise was to create a demo calendar application using React and Redux. Web site: silvioprog.github.io/react-challenge (containing presentation video and application production link).

Sagui library (2016 - Present)
C library which helps to develop web servers or frameworks
Sagui is a cross-platform C library which helps to develop web servers or frameworks. Its core has been developed using the GNU libmicrohttpd, uthash, PCRE2, ZLib and GnuTLS, that's why it is so fast, compact and useful to run on embedded systems. Repository: github.com/risoflora/libsagui.

Wethr (2021 - Present)
☀ Command line weather tool
wethr is a command line weather tool totally written in Rust, fully-compatible with original wethr in JS, implementing many other weather features: github.com/risoflora/wethr. Its binaries are automatically generated by GitHub workflow for macOS, Linux and Windows: github.com/risoflora/wethr/releases.

System shutdown (2019 - Present)

Rust library to shut down, reboot or log out the system

system_shutdown provides a cross platform way to shut down, reboot or log out operations. Supported platforms: macOS, Linux and Windows. Repository: github.com/risoflora/system_shutdown.

SNTP request (2020 - Present)

Tiny Rust library to request timestamp from NTP servers

sntp_request is a tiny Rust library to request timestamps from NTP servers through SNTP protocol. Repository: github.com/risoflora/sntp_request.

Lock keys (2019 - Present)

Rust library for lock keys handling

lock_keys provides a cross platform way for lock keys handling. Supported platforms: Linux (Xlib static) and Windows (winuser API). Repository: github.com/risoflora/lock_keys.

Brook framework (2012 - Present)

Microframework which helps to develop web Pascal applications

Brook is a cross-platform microframework with focus on developing web Pascal applications built by Delphi or Lazarus IDE and Free Pascal. Reusing Sagui on its core already proven security, performance and embeddability. Repository: github.com/risoflora/brookframework.

SKILLS

Operating systems: macOS, Linux.

Languages: JavaScript, TypeScript, Python, GoLang, Rust, C, Delphi, SQL, Shell, Bash.

Internet / Web: NodeJS, ReactJS, React Native, VueJS, SvelteKit, PWA.

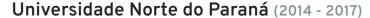**Programming / Tools:**   Visual Studio Code, IntelliJ, Docker, Cypress, Jest, CMake, Doxygen, Git, GitHub, GitLab, Datadog, JIRA, Confluence, Slack, Scrum.

Libraries: Express, Slonik, Vuex, Design System, Bootstrap.

Databases: PostgreSQL, SQLite, MySQL, MongoDB.

Cloud: AWS, Vultr.

EDUCATION

Universidade Norte do Paraná (2014 - 2017)

Analysis and Systems Development.

CERTIFICATIONS

Cod3r Courses and Trainings - NextJS from Scratch (2022)

NextJS course to learn the framework and create optimized applications.

Hora de Codar - Advanced SASS/SCSS Course (2022)

SASS/SCSS Course from basic to advanced level.

Cod3r Courses and Trainings - ReactJS (2021)

Complete Course of ReactJS with focus on multi-device applications.

Cod3r Courses and Trainings - Modern Web Development (2020)

Web Development using modern JavaScript to develop real-world projects.

Cod3r Courses and Trainings - Vue JS 2 (2019)

Complete Course of Vue JS 2, Vue Router and Vuex.

LANGUAGES

Portuguese (Native)

English (Professional Proficiency)