

# Stefan Yohansson

I am an open source passionate that love to learn, share and contribute particularly on any initiative that make the world equal to everyone. I love C, Elixir, Rust, python and really sometimes Javascript. I help here and there in opensource projects like Firefox DevTools (I am a mozillian :3), some KDE suite softwares and FreeSWITCH platform.

## Education

- 2012–2016: Incomplete Bachelor degree in Mathematics at University Federal do Rio Grande do Norte
- 2022–2023: Real-Time Embedded Systems Concepts and Practices at University of Colorado Boulder (Coursera)
- 2022–2023: Real-Time Mission-Critical Systems Design at University of Colorado Boulder (Coursera)

## Skills

- Polyglot engineer, strong expertise for general backend, frontend and embedded development
- Proficient in Python, Elixir, JavaScript, C, Rust, familiar with C++, Java, Lisp/Scheme/Clojure, Go.

## Work Experience

- 2022.2–Present: Senior Developer at Sangoma
  - $7 \times 24$  Check telephony service availability and recovery any possible failure;
  - Improve and maintain the ACD (Automatic Call Distributor), the piece of software responsible to match an agent and a customer in a CCaaS platform;
  - Help and solve questions regarding entire platform;
- 2021.2–2022.8: Senior Developer/Consultant at Telnyx
  - $7 \times 24$  Check FreeSWITCH service availability and recovery any possible failure;
  - Improve and implement new functionalities in FreeSWITCH modules;
  - Be the bridge between FreeSWITCH team and WebRTC team (javascript developers), help with questions about webRTC and fix problems with `mod_verto` (WebRTC FreeSWITCH module);
- 2019.1–2020.11: Consultant at MobileMinds
  - Architect and built a node backend for Ology (pharmaceutical integration platform);
- 2015.2–2018.12: Senior Developer at Evolux
  - $7 \times 24$  Check telephony service availability and recovery any possible failure;
  - Lead developer and manager for Outsource initiative between Evolux and SilentCircle to built a SPA chat and a react dashboard control panel, managing 4 developers and providing reports of the progress for the stakeholders;
  - Start working with ACD (Automatic Call Distributor), the piece of software responsible to match an agent and a customer in a CCaaS platform;

- Improve some panels backend and frontend logic that cost minutes to load in order to load in milliseconds;
- 2014.8–2014.12: Senior Developer at Stepmoney Brasil S.A
  - Develop from day 0 a rechargeable card platform;
  - Later focusing on the financial reports and credit security modules;
- 2013.2–2014.8: Plain Developer at Tecnotech Sistemas
  - Working in a governmental system used by all Brazilian engineers and architects I was allocated as the financial module leader. The financial module was suffering from high loads due to long polling tasks and expensive query routines, so I start refactoring some code and used materialized views in order to mitigate the problem our customers are facing while trying to pay the annuity bill.
- 2013.8–2013.11: Trainee at MaisData Comunicação Direta
  - First contact with Wordpress and maintaining shared host websites. I was on top of 30+ websites managed by this digital agency.
- 2010.4–2013.6: Developer at Digicontrol - ISP
  - $7 \times 24$  Responsible for the operation of complex radio access network (+500 remote radio head)
  - develop and setup the asterisk with ivr system for isp's, adapt codec to work in high latency network and inspect packages loss with capture analysis tools (Homer capture);

## Contact Me

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