JOÃO VITOR RODRIGUES

Support and Development analyst

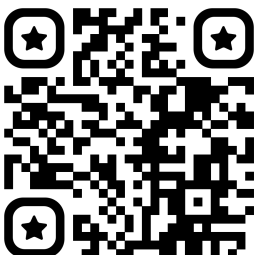## SKILLS

Linux — 5+ yrs

Cloud — 3+ yrs

Bash/Python — 3+ yrs

C/C++ — 3 yrs

PHP — 3+ yrs

Html/CSS — 3+ yrs

Javascript — 3+ yrs

GIT — 3+ yrs

Java/Spring — 1+ yrs

CONTACT

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PROFILE

Telecommunications engineer with strong theoretical skills in radio, network and development areas.

Telecommunications Engineer, specialized both in automation and in custom application development, experienced with softswitchs infrastructures. The link between development and operations, comfortable in both.

Customer-oriented and structured method of working, focused on quality and maintainability. Highly motivated to work in a team, both comfortable in big companies as in small teams.

WORK EXPERIENCE

Support and Development analyst
Khomp

Oct 22 - NOW

Develop and maintain the code of a vSBC (virtual Session border controller).

- Upgrades on a web portal.
- Bugs fixes.
- Add new features.
- Perfomance upgrades.

Technologies include:

- C++ and PHP for the backend.
- HTML/CSS3/JS for the frontend.
- Git/Gitlab as repository manager.
- Docker for deployments.
- MySQL for databases.
- SIP/RTP protocols.

Achievements include:

- Online overview for an intuitive system debug.
- Tools for troubleshooting

EDUCATION

2013 - 2022

B. Telecomunication Enge-neering.
Federal Institute of Santa Catarina
The topic for the bachelor's thesis was 'Reception and Decoding of JT65 signals using RTL-SDR'.

Infrastructure analyst
SaperX

Feb 22 - Oct 22

Responsible for infrastructure architecture with regards to development and customer environments

- Installation, updates and upgrades in SaperX products, using Debian Linux 8/9/11.
- Ensure the integration of networks and databases.
- Monitor, create and resolve Zabbix alarms.
- Create and configure backup servers.
- Analyze network logs, MySQL asterisk, in addition to the entire structure and consumption of the machines.
- Develop bash and php scripts.
- Configure Apache HTTP Server.
- Quality assurance in terms of documentation.

Technologies include:

- Python,bash for custom tool development.
- AWS for cloud infrastructure.
- MySQL for databases.
- PHP/HTML/CSS/JS for website.
- Asterisk for call configurations.
- REST API for custom integrations.
- SIP/RTP protocols.

Achievements include:

- Bash tool for product installation/update/upgrade.
- Set up a physical machine integrated into the internet with a firewall to serve as a replica database and in the future as the main database.
- Wrote about 10 procedures documentation.
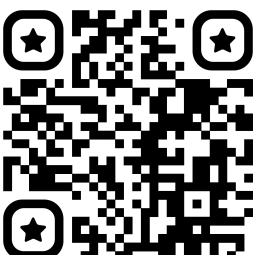
Internship Student
Intelbras

Jul 19 - Mar 21

Provide technical support for operation, programming and installation of telephony products for external customers via phone, chat and email understanding your installation scenario and product application.

- Delivered clerical support by handling range of routine and special requirements.
- Product installation and maintenance guidelines.
- Customer support.

Technologies include:

CERTIFICATIONS

Santander Bootcamp | Fullstack Developer

Certificate issued by the Santander Institute to prove abilities in Java, Spring Framework, PostgreSQL, and Angular

Responsive Web Design

Intense course about responsive web design using HTML/CSS.

- Asterisk and softphones.

Achievements include:

- SIP, RTP protocols.

Internship Student
Eletrobras

`Sep 16 - Jul 18`

Responsible for data transformation and tool customization on a migration (legacy c++ code from Solaris to Linux systems) project. The tasks include

- Benchtop maintenance of switched power supplies;
- Participation in external RF transceiver maintenance services;
- Participation in optical link maintenance and connection services with partner companies (Telebrás and Eletronet) in Florianópolis;

Technologies include:

- Radio.
- Electronics.

Achievements include:

- Optical fiber repairs.