

Pedro Vanzella

Developer

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EXPERIENCE

MAY 2017 - PRESENT

Rails, AWS, Sidekiq
Toptal - Tatango

Work on the backend of a high availability and high throughput SMS marketing application. Developed A/B Testing features and updated a 100+ model legacy application.

JULY 2016 - APRIL 2017

Rails, React
Toptal - Aflutter

Maintenance and development of a wedding planning application in Rails and React.

MAY 2016 - JULY 2016

Django
Toptal - SpokeHub

Maintenance and development of an ERP in Django.

NOVEMBER 2015 - APRIL 2016

Rails API
Toptal - BuildRX

Development of microservices for e-Commerce in Rails, using only the API features.

MAY 2015 - NOVEMBER 2015

Python, C, JavaScript, AngularJS
CWI Software - Renner

Development of an interactive kiosk. A Python middleware bridges the hardware, a Java back-end and C libraries to a Webkit browser. The browser calls the Python classes and exports them to JavaScript, where they are called by an AngularJS front-end.

JANUARY 2015 - MAY 2015

Python, Flask, MongoDB
CWI Software - Terra

Maintenance and development of a Video On Demand system for a large ISP and content provider. Written in Flask with MongoDB.

JANUARY 2014 - DECEMBER 2014

Ruby, Rails, MongoDB
Fator7 - StarlightLED

Development of a Cloud control system for a class of Internet of Things devices, including public lights and traffic controllers.

AUGUST 2013 - DECEMBER 2013

Ruby, Rails, Postgres

Toptal - USEED

Development of a crowdfunding system, in Rails, in a 100% remote and international team.

JULY 2012 - AUGUST 2013

Ruby, Rails, Postgres

Vivo

Development of a high availability control and monitoring system for cellphone network probes.

EDUCATION

2013 – 2016 **Computer Science**
B.Sc.
PUCRS

2009 – 2012 **Computer Engineering**
B.Sc.
UFRGS

PUBLISHED ARTICLES

2016 **Artificial Intelligence Methods Applied to Elevator Dispatching Using a Simulator**
THESIS
Artificial Intelligence, Simulation

PERSONAL PROJECTS

2018 **ate-chips**
(github.com/pedrovanzella/ate-chips)
Fully unit-tested Chip-8 emulator in C++

2017 **do-the-webp**
(github.com/pedrovanzella/do-the-webp)
Python package to convert DRM-Free comicbook files to webp

2016 **intelelevator**
(github.com/pedrovanzella/intelelevator)
Elevator simulator and planner in C++

2015 **Flask-DODDNS**
(github.com/pedrovanzella/Flask-DODDNS)
Flask app that provides Dynamic DNS to home routers