

Pedro Vanzella

Developer

EXPERIENCE

2016

Rails, React

TopTal - Aflutter

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

2016

Django

TopTal - SpokeHub

Maintenance and development of an ERP in Django.

2016

Rails

TopTal - BuildRX

Development of microservices for e-Commerce in Rails.

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.

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.

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.

2013

Ruby, Rails, Postgres

TopTal - USEED

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

2012

Ruby, Rails, Postgres

UFRGS - NetMetric - Vivo

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

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EDUCATION

2013 – 2016 **Computer Science**

B.A.

PUCRS

2009 – 2012 **Computer Engineering**

B.A.

UFRGS

PUBLISHED ARTICLES

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

THESIS

Artificial Intelligence, Simulation

PERSONAL PROJECTS

2017 **todo-or-not-todo**
(github.com/pedrovanzella/todo-or-not-todo-rails)

Rails API for a todo list backend

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

TECHNICAL SKILLS

PROGRAMMING LANGUAGES Python, Ruby, JavaScript, C, C++

FRAMEWORKS Rails, Django, Flask, React

METHODOLOGIES Scrum, Kanban, XP, TDD, BDD

TOOLS PostgreSQL, Oracle, Git, MongoDB