Pedro Vanzella
Developer

EXPERIENCE

JULY 2016 - PRESENT

Rails, React
Toptal - Aflutter
Maintanance and development of a wedding planning application in Rails and React.

MAY 2016 - JULY 2016

Django
Toptal - SpokeHub
Maintanance and development of an ERP in Django.

NOVEMBER 2015 - APRIL 2016

Rails
Toptal - BuildRX
Development of microservices for e-Commerce in Rails.

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

JANURAY 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
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.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

2017 — **todo-or-not-todo (github.com/pedrovanzella/todo-or-not-todo-rails)**
Rails API for a todo list backend

2016 — **intelevator (github.com/pedrovanzella/intelevator)**
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