TOMÉ DUARTE

PROFILE

An experienced *web consultant*, I particularly excel working in **Ruby on Rails** and **DevOps**.

A 28-year-old male Software Engineer, living in beautiful Porto (Portugal).

Originally a self-taught programmer at the age of 14, always eager to learn new things and tinker with new technology.

Currently, founder and manager of:
- professional web and devops consulting company (since 2013)
- web hosting and virtual private servers provider (since 2008)

Areas of Interest

- [*code*] Web development
- [*code*] API Design
- [*servers*] Scaling, continous delivery and monitoring solutions
- [*servers*] IT Security
- [*business*] Business development
- [*business*] Lean Management

EDUCATIONAL BACKGROUND

WHAT

Master in Informatics and Computing Engineering

WHERE

Faculty of Engineering of the University of Porto

WHEN

2005 — 2013, graded 13 out of 20

THESIS

IPv4 to IPv6 transition: security challenges

WORK EXPERIENCE

WHERE   SkilledPath - Consultadoria Tecnológica, Unip., Lda.

WHAT   Founder   **WHEN**   10/2013 - present

WWW   http://www.skilledpath.com

DETAILS

Founder of web and devops consulting company, focused on helping clients with:
- Ruby on Rails development
- Saltstack for infra-structure configuration and orchestration

Responsibilities:
- customer prospecting, sales development and support
- executive management
- strategic planning
- solution design and implementation

WHERE   dwk

WHAT   Founder   **WHEN**   09/2008 - present

WWW   http://dwk-web.com/

DETAILS

Founder of a web hosting and virtual private servers provider.

Services provided:
- shared web hosting for PHP, Ruby on Rails and Django apps
- Magento e-commerce hosting
- XEN-based VPS services

Originally providing GSP services under a different name, pivoted to web and VPS hosting in early 2011.

Responsibilities:
- customer prospecting, sales development and support
- executive management
- hosting solution architecture and development
- automation, monitoring and security solutions

WHERE   Confederations Development Program JADENET - European Confederation of JEs

WHAT   Auditor (pro-bono)   **WHEN**   02/2013 - 09/2013

WWW   http://www.jadenet.org/

DETAILS

The CDP Programme is a mechanism for self-development and health-checking of JADENET's network of junior enterprises.

As a voluntary auditor of two national confederations:
- interviewed key people to understand processes, management structure and information flow
- performed document analysis
- reported relevant conclusions and KPIs on the growth, quality and progress of each confederation

WHERE   dreamtby.me

WHAT   Founder   **WHEN**   05/2011 - 05/2013

WWW   http://dreamtby.me

DETAILS

Founded dreamtby.me, a crowdfunding platform with an emphasis on product validation and customer development pre-funding.

Its' early adoption didn't create enough traction, eventually being put on hold.

WHERE   SAPO Labs

WHAT   Web Developer   **WHEN**   03/2011 - 03/2014

WWW   http://labs.sapo.pt

DETAILS

As a developer for SAPO Labs, started its' project management platform from scratch with direct guidance from top management.

The platform tackles the goal of keeping information consistent for all SAPO labs across Portugal.

Built with Ruby on Rails, some highlighted features:
- manage bureaucracy for contracting collaborators
- submission, evaluation by different stakeholders and decision on project proposals including all relevant details (collaborators, roadmap, funding sources, etc.)
- on-going projects progress status and task management

WHERE   JuniFEUP - Junior Enterprise of the Faculty of Engineering of the University of Porto

WHAT   Executive board member (pro-bono)   **WHEN**   11/2008 - 01/2010

WWW   http://www.junifeup.pt

DETAILS

As a member of the executive board, dealt with general management issues and headed the Systems and Marketing department.

Responsibilities:
- strategic planning and company's direction
- brand development and marketing awareness
- servers availability and service operation, incl. day-to-day support
- training of team members

"Better to fail spectacularly than do something mediocre." - *Randy Pausch, Last Lecture (CMU)*

WHERE JuniFEUP - Junior Enterprise of the Faculty of Engineering of the University of Porto

WHAT Head of Systems Administration (pro-bono)   **WHEN** 01/2008 - 11/2011

WWW http://www.junifeup.pt

DETAILS

In charge of systems administration for a Junior Enterprise, on a GNU/Linux environment.

Accomplishments:
- day-to-day support and troubleshooting for services available (web, email, hosting, remote access)
- transition the network from a multiple server setup to a XEN virtualized solution
- security policy design and implementation
- documentation
- training of team members

WHERE FEP Junior Consulting - Junior Enterprise of FEP, University of Porto

WHAT Systems Administrator (pro-bono)   **WHEN** 10/2007 - 05/2010

WWW http://www.fjc.pt

DETAILS

In charge of systems administration for a Junior Enterprise, on a mixed GNU/Linux and Microsoft Windows environment.

Accomplishments:
- redesign of the company's network to move to new servers and software
- transition existing network and available services (file shares, remote access, etc)
- security policy design and implementation
- support documentation of network resources, architecture and configuration
- basic training of members on how to manage the network

WHERE NeCG — Computer Graphics Student Group, FEUP, University of Porto

WHAT Member (pro-bono)   **WHEN** 05/2006 - 07/2007

WWW http://necg.fe.up.pt

DETAILS

Junior Member of FEUP's computer graphics student group, right from its' first year.

The projects worked on spanned the following:
- game story and level conceptual design
- C++ and OpenGL code development (videogame-oriented)
- distributed computing

"Better to fail spectacularly than do something mediocre." - *Randy Pausch, Last Lecture (CMU)*

WHERE	zoneSP

WHAT Systems Administrator   **WHEN** 03/2006 - 08/2008

DETAILS

In charge of systems administration and web development for a GSP, on a GNU/Linux environment.

Accomplishments:
- setup a network of metal servers to provide hosting (gs, web, email), voice servers, shoutcast radios and supporting services
- security policy design and implementation
- development from scratch of institutional website
- development from scratch of customers secure backoffice application
- training of junior team member

AWARDS & HONORS

Awards in competitions:
- iUP25k: 4th edition, 2013; Top 10, finalist project
- Concurso Literacia Financeira (FEP, UP), 2013; Finalist project
- Winner of SAPO Codebits Security Contest 2011

FEP Junior Consulting honored me with a lifetime status of honorary member, in 05/2010.

OTHER

InfoSec Porto

Founded InfoSec Porto, a Porto-based community focused on the study and discussion of information security topics. Be sure to check http://infosecporto.com .

Mostra da UP 2011

Showcased the project WikiAware on the University of Porto annual project fair (2011).
The project, developed as classwork throughout the semester, consisted on a wiki-based collaboration and communication tool.

Workshops & Teaching

Trained students on these classes and workshops:
- Trainer at NuIEEE's Network and Linux classes, 2006 to 2008
- Ruby on Rails introductory class @JuniFEUP, 2013
- Systems Administration introductory class @JuniFEUP, 2013

Talks

Had the honor of speaking at the following conferences:
- 2011, SAPO Codebits 2011, "Goodbye IPv4, hello IPv6. Where has my security gone?"
- 2013, Ciclo de Palestras AlumniEI-FEUP, "Entrepreneurship"
- 2013, BSides Lisbon, "IPv6 (in)Security - what we've learned so far"
- 2013, Semana de Informática FEUP, "IT Security 101"
- 2013, ISPGAYA, "IPv4 to IPv6 transition security challenges"
- 2014, InfoSec Porto, "Security Misconfigurations"