Pablo Vieytes

Software Engineer
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PROFESSIONAL PROFILE

Software engineer. Since 2010 I have specialized in web technologies. I am self starter and quick to assimilate new ideas, concepts and cutting-edge technologies. I have a command of spoken and written English.

OBJECTIVE

I am currently looking for a new and challenging position to work on high availability systems, one which will make the best use of my existing skills and experience and help me develop my career as a web developer.

CERTIFICATIONS

Erlang Certification   Erlang Foundation Certificate – January 2013
Certificate number: ESL20130118/01

EDUCATION AND QUALIFICATIONS

BSc   Telecommunications Engineering. Electronic Systems (2007) – Polytechnic University of Madrid
Thesis: *Data Acquisition and Digital Signal Processing with Matlab*

KEY TECHNICAL SKILLS

- Backend and Frontend Developer
- Languages: Python, Java, Erlang, C/C++, JavaScript.
- Web technologies: Django, HTML, CSS, RESTful, Ajax jQuery, Angularjs...
- Data base: Sql and no-sql (PostgreSQL, Mysql, Neo4j, Riak)
- Others: Linux, Android, Git, TDD (coverage, Django unittest, selenium...).

WORK HISTORY

January 2014 – Present   *Freelance*
FULL STACK WEB DEVELOPER

Full stack: Backend, Frontend and Deployment. Designing and developing Python/Django web applications and mobile apps.

Some interesting projects:

- Wedding products and services marketplace (Django). [Details](#)
- Human resource management tool (Django). [Details](#)
- Social carpooling platform for commuters (Django). [Details](#)
- Mobile app for Android & iOS (Cordova hybrid app). [Details](#)
- And more.

April 2010 – December 2013   *Openshine S.L., Remote (Madrid and Essen)*
                                        WEB DEVELOPER

Sofware development and computing consultancy.

- Designing and developing Python/Django web applications.

- Designing and developing of a concurrent distributed system based on Erlang/OTP and websockets.

2007–2010   **CITEF - Polytechnic University of Madrid**
                       R&D ENGINEER

R&D engineering in *Research Centre on Railway Technologies (CITEF)* being part of the Polytechnic University of Madrid (UPM). Designing and developing software for the railway industry.

- Designing and developing of an automatic planning and exploitation management system for railway lines and underground for TELVENT.

- Developing of Matlab programs for data acquisition and signal spectrum analysis.

- Testing and improving software of the THALES GLR-95 circuit track.

- Software modelling of circuit track for DIMETRONIC.

- Electromagnetic disturbances measuring and documentation-producing by high speed lines in the conventional lines prior to the commissioning of the lines for the Spanish railway infrastructure manager ADIF.

- Electromagnetic disturbances measuring and documentation-producing by boarding equipment to THALES-MEXICO.

2003–2007   **CITEF - Polytechnic University of Madrid**
                       R&D TRAINEE ENGINEER

R&D engineering in *Research Centre on Railway Technologies (CITEF)* being part of the Polytechnic University of Madrid (UPM).

- Designing and developing software and hardware for the railway industry.

- Designing and developing hardware and software for a data acquisition system placed in a

train pantograph for *Metro Madrid*.

- Analysing, designing and developing of an *Active Noise Canceller* prototype.

- Electronic Hardware Design (PCB Design).

INTERESTS AND ACTIVITIES

Hobbies & activities   Besides software developing, I also enjoy listening and playing music, building all kind of DIY projects (guitar vacuum tubes amps, arduino and/or raspberry projects...).