

# Paulo Rodrigues Pinto

## FULL STACK ENGINEER

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### PROJECT SKILLS

- Full Stack Web application design, development and deployment
- Design and implementation of multi threaded backend systems
- Database schema design
- SQL reporting and statistics
- UNIX system administration
- Strong focus on code quality and software development best practices

### TECHNICAL SKILLS

- PHP/Symfony, Ruby/Rails, JavaScript/Backbone, CSS/SASS
- Java/J2EE, C++ , SQL
- UNIX, Bash, Git
- Apache, Tomcat, MySQL, RabbitMQ

### EXPERIENCE

#### **Co-founder and Lead Engineer**

Memeoirs.com

Lisbon, Portugal

June 2012 to July 2016

Memeoirs, is a print-on-demand web application that allows a customer to automatically make a book from his emails, which is then printed by a publishing partner and shipped through mail. I defined the global architecture of the system, designed the database schema and developed the HTML5 frontend using Backbone.js, RequireJS, jQuery and SCSS. I also implemented the backend, which revolves around an asynchronous AMPQ-based task queue, using PHP/Symfony2, Java and SQL. OAuth, IMAP and Payment backend integration. Deployment using Capistrano.

#### **Software Engineer**

OWI Technologies

Paris, France

April 2009 to May 2012

OWI is a software startup that implements email management systems for companies with heavy customer support infrastructures. Under the guidance of the systems architect I specified, designed and implemented the web-based back-office using J2EE and JavaScript. Additionally I implemented the reporting and statistics module using Java and SQL. I also participated in porting the unitary prototype of the backend into a multi-threaded and scalable architecture using C++ and I developed GUI client applications using wxWidgets.

#### **Software Engineer**

INOV

Lisbon, Portugal

June 2006 to February 2009

INOV is a nonprofit Institute of Technology which bridges the gap between research produced in the Portuguese academia and the outer world. As a member of the Mobile Services department, I developed, tested and deployed multi-million user applications running on top of a J2EE framework developed in-house and backed by SQL Databases. I used Linux shell scripting extensively for system maintenance and reporting. Previously, as a member of the Speech Solutions team, I took part in developing and integrating services for an Interactive Voice Response system using C++.

#### **Site Reliability Engineer**

Siemens

Lisbon, Portugal

August 2005 to May 2006

As a member of Siemens' Services division (now Nokia Siemens Networks, one of the leading providers of full stack telecommunications systems) I took part in the maintenance and deployment of services running on top of the 3G and GPRS networks of a major Portuguese mobile operator. My tasks consisted of assuring the smooth operation of installed services and integrating new ones, in cooperation with third party software providers. I used UNIX (Linux and Solaris) shell scripting extensively and administered Oracle database systems.

### EDUCATION

MSc Electrical and Computer Engineering, Porto University, December 2005

### LANGUAGES

Fluency in English, French and Portuguese