



ÒSCAR VILAPLANA  
SOFTWARE ENGINEER

// ABOUT ME

Senior Software Engineer specialized in analysis and development of high performance web applications, and improving development through the use of agile methodologies and best practices.

Experience designing and building distributed e-commerce and payment processing systems.

Interested in designing, building and leading technologically attractive projects.

// EXPERIENCE

SpotMe

2014-present  
Lausanne, Switzerland

Senior Software Engineer

Working on SpotMe's the NodeJS/CouchDB backend.

Paylogic

2009-2014  
Groningen,  
The Netherlands

Software Architect (2011-2014)

Senior Software Engineer (2009-2011)

Designed and lead the development of Paylogic's **distributed, de-centralized, high available, fault tolerant** virtual queue system, which has been used successfully for several years queuing hundreds of thousands of users simultaneously.

Designed and lead the development of the Paylogic Ticketing API, a **discoverable, self-documenting REST API**.

Assisted the development teams on writing technical designs and evaluating them.

Designed and worked on Paylogic's Django ticketing application.

Introduced **Agile, Scrum** and development best practices.

Helpdesk

2008-2009  
Barcelona, Catalonia

Co-Founder and Software Engineer

Began a startup dedicated to offering a helpdesk ticketing system targeted at small and medium-size businesses.

Built a Django payment processing library to process payments on Wirecard and Paypal.

Built an e-mail indexing system using Django and Solr, and SimpleParse for data parsing.

Built a simple HTTPS broadcast server for a sales monitoring application using Twisted on Python.

LocalBilling, Ltd.

2007-2009  
Barcelona, Catalonia

Senior Software Engineer

Built a PHP payment gateway integrated with several banks and payment providers and capable of handling thousands of simultaneous payments.

Built a subscription manager and fraud control software.

Built a credit card encryption daemon to store credit card numbers securely in accordance with the requirements of the PCI certification.

Desertic

2006-2007  
Vilanova i la Geltrú,  
Catalonia

Software Engineer

Developed and maintained a J2EE web application for business management using Tomcat and Oracle.

Maintained a J2EE application for the detection and prevention of money laundry.

Netfocus

2002-2006  
Barcelona, Catalonia

Software Engineer

Designed and developed a responsive web application for the management of the firm's customer data using J2EE/JBoss.

Worked on building Linkat, a SuSE-based GNU/Linux distribution, by customizing and packaging open source applications, using RPM.

Worked in the design and development of application to import, manage, detect errors and do the reconciliation of EDI electronic invoices.

Built a Java library to interface with Lotus Notes over HTTP.

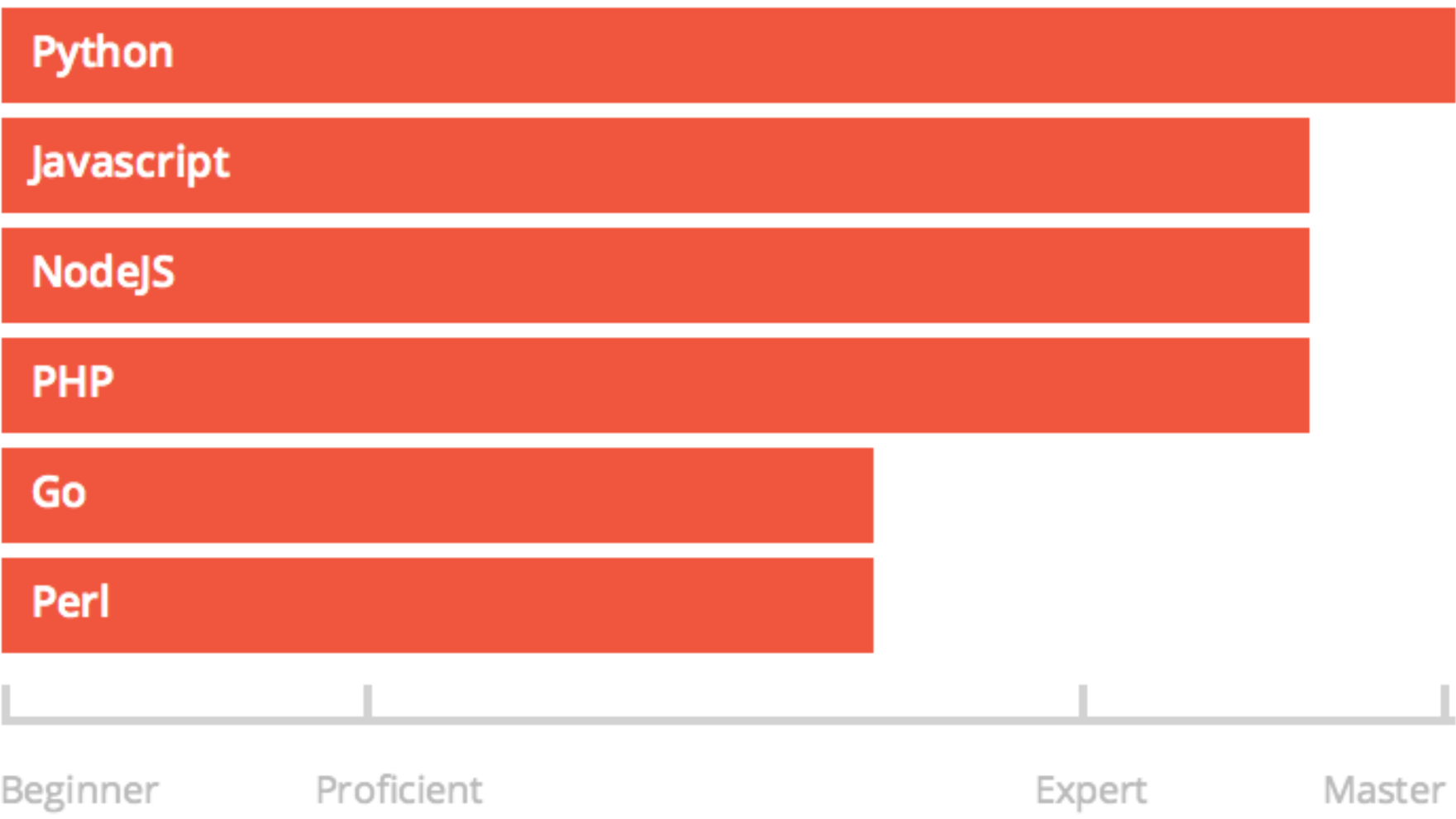
Managed a SeeBurger EDI station.

Built various ad-hoc Perl tools for data analysis and report generation.

// CONTACT

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	<b>Twitter</b> <a href="#">@grimborg</a>
	<b>Blog</b> <a href="#">oscarvilaplana.cat</a>

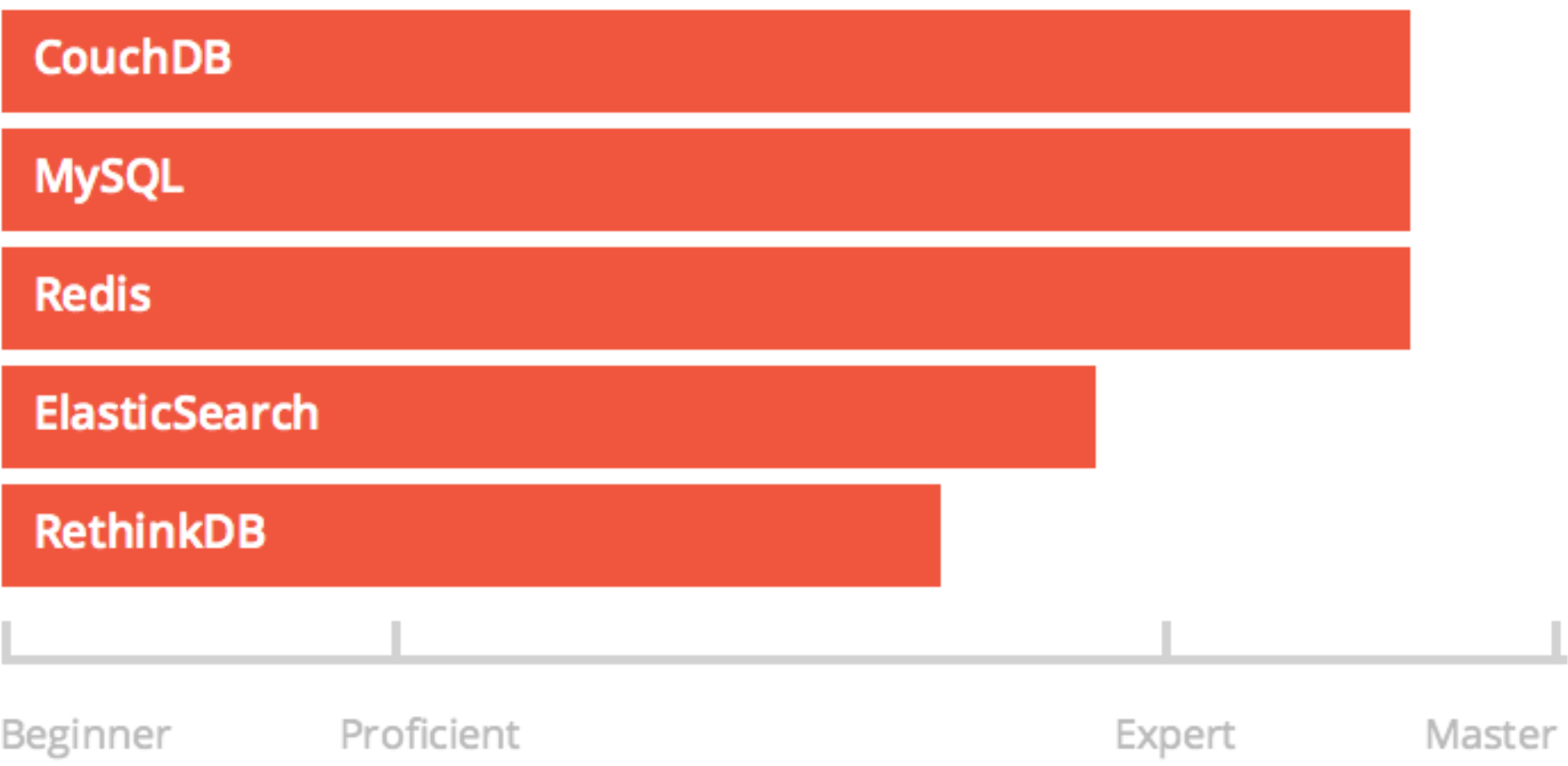
// COMPUTER LANGUAGES



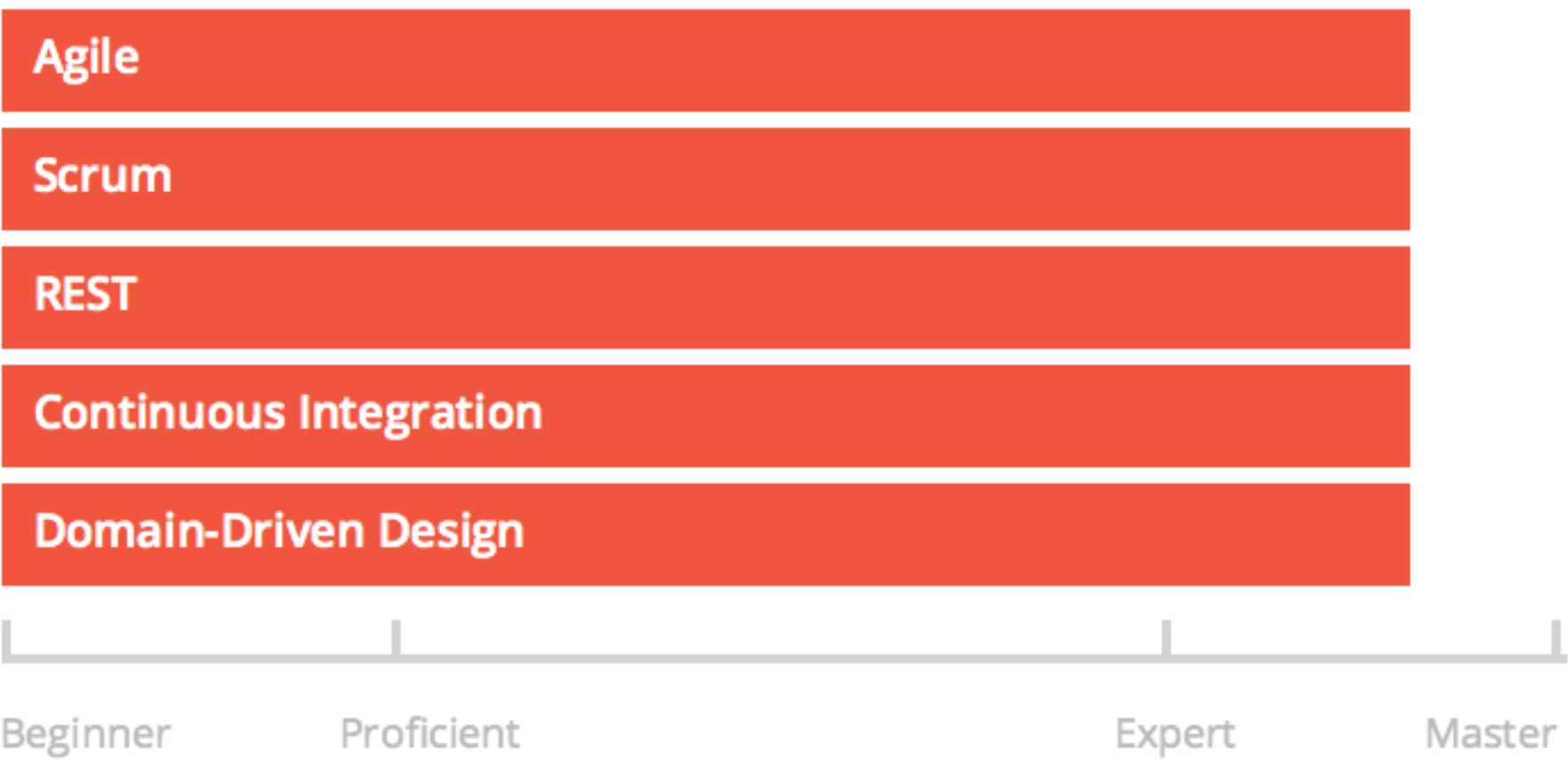
// LIBRARIES AND FRAMEWORKS



// DATA



// SOFTWARE ENGINEERING





// EDUCATION

2007

**Bachelor's Degree in Computer Science**  
Open University of Catalonia

// TALKS

2014

**Validated Learning** (Paylogic)  
Introduction to the Lean principles.

**Scaling** (Paylogic)  
A look at how to scale an existing monolythic system, and how companies such as Disqus and Eventbrite have done it.

**Software Architecture - How much design?** (Paylogic)  
What Agile has to say about how to decide when design is needed, and how much

2013

**Continuous Deployment** (DjangoCon EU, Paylogic)  
Introduction to Continuous Deployment.

**Handling massive traffic with Python** (PyGrunn)  
The non-secret details on how we built Paylogic's virtual queue system.

**User Stories** (Paylogic)  
Short introduction to User Stories in Agile.

2012

**Celery** (Monthly PyGrunn, Paylogic)  
How to set up and use Celery with RabbitMQ.

**Agile Estimation** (Paylogic)  
How to approach estimation in Agile projects.

**Tornado in Depth** (EuroPython, Paylogic)  
A dive into how Tornado is designed and implemented.

2011

**Scrum** (Paylogic)  
How Scrum works. Kickstarted the introduction of Scrum in Paylogic.

**ZeroMQ** (PyGrunn, Paylogic)  
How ZeroMQ works.

// LANGUAGES

English	★ ★ ★ ★ ★
Dutch	★ ★ ★ ★ ★
Catalan	★ ★ ★ ★ ★
Spanish	★ ★ ★ ★ ★
Galician	★ ★ ★ ★ ★
Italian	★ ★ ★ ★ ★
French	★ ★ ★ ★ ★

// HOBBIES

- ✿ Short story writing
- ✿ Piano
- ✿ Improv theater
- ✿ Bike tourism