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## Technical expertise

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I'm a flexible and committed architect and developer and a fond OpenSource passionate. I am an enthusiastic team player and strive to contribute or endorse best practices, standards compliant approaches and OpenSource solutions wherever possible.

### *Programming languages:*

- Java (J2ME, J2EE, Struts, Hivemind, Hibernate, ...)
- C/C++
- C/C++
- SQL
- PHP
- OpenLaszlo
- XHTML/XML
- Javascript/CSS/DOM
- Bash

### *Various, unordered proficiencies and expertise:*

- Eclipse IDE
- Jboss AS
- Maven2
- Various versioning systems (CVS, SVN, BZR, ...)
- Collaboration tools such as Jira, SourceForge, Trac, ...
- gcc/gdb
- vim/kate/GNUMake
- Apache Tomcat
- Design Patterns
- UML
- TCP/IP networks
- SOAP/SwAttachments

## Work Experience

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Nov 2009 → present

### **SourceSense NL**

*Senior Software Engineer*

Job description: Integrate Alfresco ECM and Pentaho BI platforms in highly structured ICT solutions for several Dutch municipalities and companies, while pioneering and consolidating application lifecycle management practices on top of the Maven2 framework.

Offer consultancy and guidelines for OpenSource governance in software development within public and private organizations.

Key technologies/frameworks: Alfresco ECM Enterprise, Pentaho BI, Spring, Maven2, Jboss AS

<http://www.sourcesense.com>

May 2007 → Oct 2008

### **Sytel Reply**

*Java Developer*

*[at Vodafone GSP GmbH]*

Job description: Vodafone GSP provides services and develops solutions for all the national Vodafone operators worldwide.

I worked as a system integrator and Java developer in the Vodafone MobileTV product development, enhancing and maintaining a middleware layer that aimed to hide any environment specific detail to the application layer and maintaining the first incarnation of the mobile client application (J2ME). Working in the mobile VAS area I had the chance to face challenging complex technical issues in a high international environment, which was indeed a lot of fun ;)

Key technologies/frameworks: J2EE, J2ME, J2ME Polish, Tapestry, Apache Struts, Apache Hivemind, LDAP, Maven, Application Server, OpenLaszlo, Sun Solaris 10

<http://www.reply.it>

Jun 2005 → Jul 2005

### **Pegaso Lavoro**

*Network Engineer*

Job description: Pegaso Lavoro is an Italian company which focuses on professional training, mentoring and consulting on entrepreneurship and professional development.

I designed, deployed and configured their intranet for their internal management activities and to support their eLearning platform.

Key technologies: network design, TCP/IP network

stack, OpenSSH, Netfilter packet filtering

<http://www.pegasolavoro.it>

*Jun 2003 → Dec 2004*

**Epik**

*Linux Architect and Web Developer*

Job description: BlackBox was a concept for a GNU/Linux based Network set-top box with firewall and mail server capabilities with a web-based administration front end.

During my internship I designed from scratch a custom Linux distribution based on a plain Debian Woody targeting a resource constrained x86 platform, developed a set of Bash script to ease system administration tasks from installation to maintainance, along with a profile based firewall configuration based on iptables.

Being a headless device, I developed a web based configuration framework on top of the LAMP platform.

Key technologies: Debian GNU/Linux, Netfilter packet filtering, Bash scripting, PHPv4, MySQLv4

<http://www.epik.it>

## Education

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2007 **University of Pisa** Master of Science in Computer Engineering  
(Percentage scored: 93%)  
Final dissertation titled "A SOAPw/Attachment file transfer protocol for a replication and consistency service in a GRID environment"

2004 **University of Pisa** Bachelor degree in Computer Engineering  
(Percentage scored: 89%)  
Final dissertation titled "Linux, web and packet filtering: developing a web frontend to iptables"

## Other studies

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2008	Advanced English course at Shenker Institute of English
2003	Intermediate english course at Centro Linguistico Interdipartimentale of Pisa.
2000	Scientific high school degree. (final score: 98/100)

## Hobbies and interests

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New technologies in general, and in OpenSource / mobile / embedded / multimedia fields in particular; music in a wide range of its incarnations, from free jazz to rock to classical; modern and

contemporary philosophy and literature; modern and contemporary politics.