

Erwin Kooi

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Highlights of Skills and Qualifications

- Over 10 years of experience in software development
 - Strong background in open source based software
 - Professional communication skills include fluency in Dutch and English
 - B.Sc. in applied science
 - Professional software development skills include:
 - PHP (4/5, OOP, Zend certified)
 - Java / J2EE (Sun certified SCJP, SCJD, SCWCD)
 - MySQL (Certified MySQL 5.0 Developer)
 - Linux administration (LPIC1)
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Employment history

Self employed web developer (php/java)

2003 - 2010

CDyWeb, Kingston, Canada / (previously) Cyane Dynamic Web Solutions, Wijchen, The Netherlands

Main Duties (matching NOC 2175)

- Consulting with clients to develop and document web site requirements
- Development of web site architectures and determination of hardware and software requirements
- Designing the appearance, layout and flow of web sites by implementing XHTML, CSS and Javascript
- Creating and optimizing dynamic content for web sites using a variety of software, mostly PHP, Java, MySQL, Apache, Linux
- To plan, design, write, modify, integrate and test web site related code using frameworks, unit-testing and version-control-systems

Project highlights

- CCMS
Customer: Self, Servion Concept&Ontwerp
Description: Self-built CMS supporting an ORM layer, highly flexible frontend integration module, SEO, e-commerce, multi-language, newsletters etc.
Keywords: PHP 5.3, JQuery, MySQL, SEO, ORM, SVN,
- Redesignme web application
Customer: Redesignme BV, www.redesignme.com
Keywords: PHP 5, Codeigniter, XDebug, PHPUnit, Mercurial, SVN, JQuery, AMF, MySQL, Apache, Gentoo Linux, Cron jobs, SEO, Facebook connect, Paypal, SOAP
- Briks CMS
Customer: Internetprojects, www.internetprojects.nl
Keywords: PHP 4/5, Java, MySQL, Apache, FreeBSD, Plesk, SVN, XML, XHTML, CSS, Javascript, Generating PDF, SOAP, Online payments (PayPal, iDEAL, MultiSafepay), SMS, Cron jobs, SEO
- LLH-02, a Liquid handling robot
Customer: Labiron Systems BV, www.labiron.com
Keywords: Java SE, RS-485, RS-232, Stepper motor, Maven, Spring, SVN
- Financial Assessment tool, PricewaterhouseCoopers, Ministry of Economic Affairs
Customer: Digital Zoo, www.digitalzoo.nl
Keywords: PHP 5, MySQL, Apache, openSUSE Linux, SVN, XHTML, Generating PDF
- Soepweb, a Manufacturing execution system, Dry Soup Factory, H.J.Heinz Company, Nijmegen
Customer: Van Gelder Engineering BV, www.vgelder.com
Keywords: J2EE, Tomcat, IBM DB2, JPA, Maven, Spring, SVN
- NBI, NUON Bespaar Inzicht
Customer: Van Gelder Engineering BV, www.vgelder.com
Keywords: J2EE, BEA WebLogic, Oracle RDBMS, JPA, SOAP, JUnit, Maven, Spring, SVN
- BAT, a time registration system

Customer: Digital Zoo, www.digitalzoo.nl

Keywords: PHP 4, SOAP, C# .NET Compact Framework MS SQL Server, MS IIS, NTLM

- CAB, a CRM web application for two Dutch ministries

Customer: Digital Zoo, www.digitalzoo.nl

Keywords: PHP 4, MS SQL Server, MS IIS, NTLM

Industrial software engineer

2000 - 2006

Van Gelder Engineering BV, Elst, The Netherlands

Main Duties (matching NOC 2173)

- Collecting and documenting user's requirements and developing logical and physical specifications
- Researching, evaluating and synthesizing technical information to design, develop and test computer-based systems
- Developing data, process and network models to optimize architecture and to evaluate the performance and reliability of designs
- Planning, designing, implementing and co-ordinating the development, installation, integration and operation of computer-based systems
- Assessing, troubleshooting, documenting, upgrading and developing maintenance procedures for operating systems, communications environments and applications software

Project highlights

- iDAV, production data acquisition for drinking water

Customer: Vitens

Keywords: Java SE, Swing, XML, SOAP, Debian Linux Maven, Spring, SVN

- Data interface between WG-Vision Scada and AS400 at the Lear Corporation

Customer: Wilgengroep, Groot-Ammers

Keywords: Delphi, XML-RPC, AS400

- Blood sampler, pig butchery

Customer: Vion food

Keywords: Java SE, JamVM, Moxa embedded linux, Ant, Siemens S7 PLC, Libnodave

- PPS, Manufacturing execution system, pasta factory, grain warehouse control, `Brinta` factory

Customer: H.J.Heinz Company, Nijmegen

Keywords: J2EE Servlets, Tomcat, IBM DB2, Ant, OPC, WinCC Scada, JDBC, NTLM

- Acaros, pre-analytical veterinary blood sample handling system

Customer: Labiron Systems BV, Gezondheidsdienst voor Dieren, Deventer

Keywords: Java SE, MySQL, Apache, Debian Linux

- CRM

Customer: Internal

Keywords: PHP 5, MySQL, Apache, Debian Linux, RTF, LDAP

Y2K system administrator

1999

Tauw BV, Deventer, The Netherlands

Temporary post-study job, to assure that all laboratory automation systems at the Tauw lab would not suffer from Y2K millennium bugs.

Internship

1999

Tauw BV, Deventer, The Netherlands

Studied, planned, documented and implemented the replacement of a legacy automation system `Baseline`, a chromatography data-acquisition tool.

Education

Bachelor's Degree in Applied Science

1995 - 1999

Saxion University of Applied Sciences, Deventer, The Netherlands

Major: Chemistry, Laboratory Informatics and Automation (LIA)

High school (HAVO)

1990 - 1995

Jacobus College, Enschede, The Netherlands

Natural sciences profile

IT Certifications and courses

- LPIC1, Linux Professional Institute
- Sun Certified Web Component Developer, Sun Microsystems Inc.
- PHP 5 Zend Certified Engineer, Zend Technologies Ltd.

In progress

2008

2008

- Sun Certified Java Developer, Sun Microsystems Inc. 2007
 - Sun Certified Java Programmer, Sun Microsystems Inc. 2006
 - Certified MySQL 5.0 Developer, MySQL AB 2006
 - PHP 4 Zend Certified Engineer, Zend Technologies Ltd. 2006
 - SQL Basics, Hogeschool Arhem/Nijmegen 2002
 - JBuilder Foundations, DTS / Borland 2001
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Miscellaneous

- Volunteer work: water polo referee
 - Sports: swimming, water polo player
 - Driver's license: car and motorcycle
 - Dutch Nationality, Permanent Resident of Canada
 - Family: married, two kids.
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References

- Available upon request