

Curriculum Vitae Wouter de Bie

Personal data:

Last name	Bie, de
First name	Wouter
Date of birth	7 November 1980
Place of birth	Gouda
Residence	Utrecht, the Netherlands
Nationality	Dutch
Sex	Male
Degree	Bachelor of Information and Communication Technology (B ICT, HBO), ing.
Marital status	Single
Email address	wouter@tuber.nl

Working experience:

January 2009 – current

Company Jewel Labs
Location Diemen, the Netherlands
Position CTO / Owner

Work description:

Chief Technology Officer and Owner. Jewel Labs specializes in Ruby on Rails and iPhone Development.

November 2007 – current

Company Tuber
Location Utrecht, the Netherlands
Position Freelance Technology Consultant

Work description:

Freelance Linux and Ruby consultant with solid networking and system knowledge. Specialized in scalable and high-end applications, databases and networks.

Projects:

- 2008 – current: Trust-iD. Lead developer and architect for the Trust-iD online identity system.
- 2008: KPN/Newtel Essence. Technical Project Leader in two projects for ING.
- 2008 – current: Mbarc. Design and development of a web based application for managing mobile bar code scanners in Ruby on Rails.
- 2008 – current: Mbarc. Design and development of a web based application for creating and managing mobile bar codes in Ruby on Rails.
- 2007: KPN/Newtel Essence. Researching the possibility of interfacing a Adobe Flash application with an Avaya SIP server.

May 2007 – December 2007

Company CareerNetwork / NoXa B.V.
Location Hoofddorp, the Netherlands
Position Ruby programmer / System admin

Work description:

- Developing web applications in Ruby on Rails (e-business systems, web sites and back-end systems)
- Optimization of legacy applications and processes
- Installation, configuration and administration of cluster and development environments, based on Linux, VMWare ESX and FreeBSD.

February 2006 - April 2007

Company McNolia
Location Amsterdam, the Netherlands
Position Technical manager

Work description:

- management of a group of developers and support engineers
- Maintaining business partner relationships
- Project management and technical development for:
 - New York Pizza Hosting
 - Development of New York Pizza kids site
 - Several Q-Park applications
 - Q-Park France CRM application
 - Premium calculation application for Zorg en Zekerheid (insurance company)
 - Architecture of Q-Park Enterprise Integration project
 - Implementation of SOA and J2EE environment

July 2003 - February 2006

Company McNolia
Location Amsterdam, the Netherlands
Position Technical Project Manager

Work description:

- Implementation and administration of a redundant, Linux and Lotus Domino based hosting network

- Research and new product development
- Administration and optimization of production network
- Management and implementation of:
 - Q-Park E-commerce applications (e.g. 6 country websites)
 - Q-Park Intranet solution
 - Nedstat corporate websites
 - Hosting infrastructure Amicon (insurance company)
 - Intranet solution RAV Gelderland-Zuid
 - “Verstand op Nul” (website EU elections)

February 2002 - July 2003

Company HECC European Call Center
Location Boxtel, the Netherlands
Position Network Engineer

Werkzaamheden:

- Improving and maintaining the company network and mission critical servers, routers and firewalls (Windows NT4/2000, Cisco and SonicWall)
- Developing and teaching of TCP/IP trainings to call agents

August 2000 - December 2001

Company Stone-IT Services
Location Bilthoven, the Netherlands
Position Linux Consultant

Work description:

- Designing and executing multiple Linux based projects:
 - Marktplaats.nl: developing a high-availability cluster for high traffic website.
 - Implementing small business servers (mail, web, proxy, firewall)
 - Implementing complete Linux based business networks.
 - Setting up internal support department
 - Integrating Linux systems in legacy environments

January 1999 – July 2000

Company Hexspoor European Callcenter
Location Boxtel, the Netherlands
Position Customer Service Representative After-Hours

Work description:

- Supporting technical consumer products for:
 - Canon (printers, faxes)
 - Samsung consumer electronics
 - Several software
 - Several PC project

1997 - August 2000

Company B3 Webdesign
Location 's-Hertogenbosh, the Netherlands
Position Technical webdesigner en co-owner

Work description:

- Developing and maintaining dynamic websites with PHP, MySQL and Macromedia Flash.
- Sites:
 - Didaktief & School (<http://www.didaktief.nl>)
 - Oranje-Nassau Groep B.V. (<http://www.oranje-nassau.nl>)
 - Theo Barten (<http://www.b3webdesign.nl/barten>)
 - B3 Webdesign (<http://www.b3webdesign.nl>)

Education:

September 2002 – June 2006: Bachelor Computer Science (specialization Technical Computer Science), Hogeschool Utrecht

Graduated with 9 out of 10

Subjects:

- Advanced Databases
- Computer graphics
- Computer Systems
- C++ programming
- Cryptography and Network Security
- Databases
- Discrete mathematics
- Distributed systems
- Java data structures
- Artificial intelligence
- Methods of system development
- Numerical applications
- Real Time Embedded systems
- Server-side programming
- Software architecture
- System programming
- Telematics
- UNIX

Projects:

- Wireless Bridge: Development of a wireless bridge with an Atmel AVR micro controller and a Chipcon ZigBee chip in C
- Flight simulator: Development of a flight simulator in Java3d
- Distributed systems: Development of a web server in Java
- Robby the Robot: Development of a robot simulation in Java
- BBQ Blackjack: Development of a Blackjack game in Java

1999 - 2000: VWO (high-school), Koning Willem I te 's-Hertogenbosch

1993 - 1999: VWO (high-school), Jacob-Roelands Lyceum te Boxtel

Active knowledge:

Network technology:

Extensive knowledge of network protocols, concepts and technology, such as IPv4, IPv6, IPSec, BGP4, VRRP. Extensive knowledge of Layer-4 protocols and concepts, such as HTTP, SMTP, POP3, IMAP, DNS etc. Extensive knowledge of Linux based load-balancing (LVS and keepalived).

Operating systems:

Extensive knowledge of Linux. Knowledge of UNIX systems, such as FreeBSD, OpenBSD en NetBSD, Solaris, IRIX en MacOS X. Knowledge of Windows 9x/2000/2003/NT/XP. Familiar with IOS and QNX.

Network security:

Extensive knowledge of firewall and IDS concepts. Extensive knowledge of Linux based firewalls, SonicWall en OpenBSD pf. Knowledge of Cisco PIX, Checkpoint and Watchguard.

Web development:

Extensive knowledge and experience in web development. Extensive knowledge of client-side technology such as HTML, CSS, JavaScript. Extensive knowledge of web development frameworks and languages such as Ruby on Rails, PHP and Perl (CGI).

(Programming) languages:

Extensive knowledge of Ruby, Perl, SQL, Bash. Knowledge of Java, C, C++ and Lotus Domino. Excellent in Dutch (native) and Engels (speaking and writing. Able to understand French, German and Spanish. Russian beginner.

(Project) methods:

Knowledge of Scrum, eXtreme programming, DSDM, XP, Scrum, UML, TDD, BDD

(Web) design:

Extensive knowledge of Adobe PhotoShop, ImageReady and Dreamweaver. Knowledge of Flash and ActionScript

Embedded systems:

Knowledge of Atmel AVR Microprocessors

Applications:

- Databases: MySQL, PostgreSQL, MSSQL, Lotus Domino
- (Web) services: Apache, OpenLDAP, Samba, Postfix/Sendmail, MS Exchange
- Networking: freeradius, zebra/quagga, LVS/keepalived
- Version control: Subversion, CVS, GIT, Perforce
- Monitoring: Nagios, munin, Splunk
- VMWare ESX

Misc info:

- Actively on the internet since 1994
- Using Linux and UNIX systems since 1996
- Chairman of Vereniging Pruts
- Hobbies: music, photography, cryptography, programming
- Has a drivers licence
- More info at <http://www.linkedin.com/in/wouterdebie>