

Cies Breijs June 12, 1982

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Summary

Creative software engineer with roots in the open source movement, an entrepreneurial mindset and a passion for user/customer centered software development.

At the age of seven (1989) I wrote my first lines using a LOGO-like language on an MSX (pre-PC). Two years later I attended a conference on an emerging new technology, the Internet, at the Erasmus University from which I would graduate 16 years later.

After being introduced to the open source movement in 1997, I taught myself a variety of skills with help from the open source community. Since 2002 I am a contributor to the KDE project, as my pet project KTurtle got admitted into their *edu* module.

KTurtle aims to make programming most easy and touchable. It is well suited for teaching (children) the

basics of programming, math and geometry. Through this project I hope to give others the same opportunity I was given: to learn programming at early age.

From 2003 to 2007 I studied at the Erasmus University Rotterdam and graduated in *Business and Computer Science* (one curriculum). After graduation I traveled Europe and Asia during a two year sabbatical, on which I worked on several occasions (see experience below) and initiated another open source project. Most interesting was my work for Intellectap: I architected an implemented an administration systems for the booming micro credit lending industry.

Upon return from my travels I joined Zarafa, one of the largest open source software vendors in the Netherlands. Two years later I was asked to join Intellectap as the CTO of their software division (ISTPL).

Experience

Intellectap/ISTPL

MUMBAI, PUNE & HYDERABAD, INDIA

IT Consultant

Nov '08 – Feb '09

Intellectap is a social-sector advisory firm serving corporates, non-profits, development agencies and governments working in developing markets. I assessed their software development team and methodologies, trained their developers and build several web applications. One of those apps is [Mostfit](#), an open source MIS for [microcredit](#) lenders.

IT & Strategy Consultant

Jan '10 – Aug '11

[Mostfit](#) became a success and I was called in to solve several technical challenges, look at potential growth strategies, and assist in making a business case for this product in a company of its own.

Chief Technology Officer

Oct '11 – present

Joined the C-family to make [Mostfit](#) the nr.1 software solution for micro credit lenders around the globe.

Zarafa

DELFT, THE NETHERLANDS

QA & Release Manager

Dec '09 – Jan '11

Zarafa might be the fastest growing open source product company in Europe. For an open source enthusiast like myself, working with Zarafa is a wonderful opportunity. Reporting directly to the CEO, Brian Josef, and working closely with the CTO, Steve Hardy, I drove the change to test automation and continuous integration. Furthermore I architected new documentation and translation systems. My Indian work experiences proved particularly valuable, as I was sent to analyze and streamline their outsourced operations in India.

Dharma Publishing

NEAR SAN FRANCISCO (CA), USA

IT Consultant

Nov '09 – Dec '09

Dharma Publishing, the worlds largest Buddhist publisher, is a non-profit, all-volunteer organization that helps to preserve Tibetan Buddhism and culture. I build them a [web store](#), and moved the infrastructure of all their web media to a nearly zero maintenance setup that they can maintain themselves.

KDE

edu.kde.org/kturtle

Software Engineer

Dec '03 – present

KTurtle is an educational programming environment that simplifies learning the basics of programming. At early age I learned programming using MSX-LOGO, by creating KTurtle I want to ensure future generation's access to a similar piece of software. I was honored when KTurtle got admitted to KDE in 2003.

Truetopia Project

truetopiaproject.org

Initiator

Nov '07 – Apr '10

The Truetopia Project is an open source web application (Rails) to facilitate self-governing communities. It provides a workflow for collaborative problem identification and solution design.

Dhurakij Pundit University International College

BANGKOK, THAILAND

Guest Lecturer

Sep '09

Dr. Pilun Piyasirivej and Mr. Michel Bauwens invited me to give two guest lectures: one on the open source movement and one on the semantic web.

Opendream

BANGKOK, THAILAND

IT Consultant

Aug '09 – Sep '09

Architected and largely implemented an open source media sharing web service (REST api) that facilitates video uploads, transcoding and streaming. Coached their development team on system design, ruby development (using Merb/Rails) and testing strategies such as TDD/BDD.

Commuun

ROTTERDAM, THE NETHERLANDS

Senior Visionary

Jul '06 – Sep '09

I helped Peter Duijnste (the proprietor of Commuun) with setting up the technical infrastructure, defining the core competences and creating a brand for his internet company. We collaborated on several web applications (all Rails apps) within the context of his company.

Erasmus University Rotterdam

ROTTERDAM, THE NETHERLANDS

Guest Lecturer

Jul '06 – Jul '09

Yearly guest lectures on the phenomenon of open source, as part of the first year curriculum of *Computer Science & Economics*.

LIP Automatisering

BREDA, THE NETHERLANDS

Software Auditor

Sep '06

Audited their flag ship product *LIP Suite*: an ERP solution for construction companies.

The Health Agency

DELFT & ROTTERDAM, THE NETHERLANDS

Software Engineer

Jun '05 – Feb '06

I worked on their innovative content management system (CMS) targeted towards the health care sector. It is developed from scratch in Python and uses PostgreSQL, XML/XSLT and Twisted.

Software Auditor

Dec '06

Assessed their Python/Zope/ZoDB-based web framework re-engineering project.

Please refer to my [Linkedin profile](#) for the complete list of work experiences along with recommendations.

Education

Erasmus University Rotterdam

ROTTERDAM, THE NETHERLANDS

Bachelor degree in Computer Science & Economics

2004 – 2007

Focussed on the economics of open source, rapid application development (RAD) and the semantic web technology stack (RDF/RDFS, OWL and SPARQL).

Technical University Delft

DELFT, THE NETHERLANDS

Industrial Design Engineering (discontinued)

2001 – 2002

Libanon Lyceum

ROTTERDAM, THE NETHERLANDS

VWO

1994 – 2000

Skills

Technical specialties: Software design and implementation, with(in) a team. I love Ruby/Python/Java, know C++ and flirt with Haskell. Solid knowledge of web technologies: HTML+CSS, XML, RDF, REST, SOAP and JavaScript (mainly jQuery). Linux administration skills: bash, Apache, MySQL, PostgreSQL, virtualization/cloud (OpenVZ, VMware, KVM, Xen and EC2), datacenter automation (Puppet and Chef), continuous integration (Hudson).

Natural languages: Dutch (*mother tongue*), English (*full professional proficiency*), German (*limited working proficiency*), French (*elementary proficiency*) and Mandarin Chinese (*beginner*).

Interests

Non-exhaustive and in alphabetical order: Art, Buddhism, cryptography, music, open source, philosophy, software engineering, travel, typography (e.g. graphic design, \LaTeX), UX and vegetarian cooking.