



Erik Dubbelboer

SOFTWARE ARCHITECT · DEVOPS

From The Netherlands currently living in Kuala Lumpur, Malaysia

☎ (+31) 6 51 24 53 74 | ✉ erik@dubbelboer.com | 🏠 blog.dubbelboer.com | 📷 erikdubbelboer | 🌐 erikdubbelboer

Summary

I'm a developer currently living in **Kuala Lumpur**. I'm planning to move back to **Amsterdam** at the end of this year. Before that I can be available remotely and I'll be in Amsterdam from the 1st of July till the 15th of August.

The most important thing I'm looking for is something that is fun. I would like to work in a **small team** where I can influence things and have some freedom. I have experience leading teams but I prefer to write code over managing other people.

I prefer to work with **Golang, C or C++**. I prefer to do backend code and devops but I also have experience doing frontend code (just not design!).

In my spare time I got some minor experience with **OpenGL** trying to build my own game, low level things such as **assembly, BIOS, virtual memory, interrupts** writing my own **OS** and **VHDL** (hardware design) building my own **CPU**.

Skills

Programming	Go, C, C++, Python, Node.JS, Lua, PHP, Java, Solidity
Technologies	Nginx, MySQL, Git, Google Cloud, Redis, Kafka, RethinkDB, Druid, Aerospike, Lighttpd, Bittorrent
Languages	English, Dutch

Experience

Atomx.com

Kuala Lumpur, Malaysia

CTO AND FOUNDER

Jan. 2015 - PRESENT

- I designed and build most of the platform on Google Cloud.
- At it's peak Atomx was handling 4.5 billion requests per day (around 50.000 per second).
- All high throughput low latency systems written in Go.
- Using Kafka and Druid for realtime reporting.
- Other technologies used: Nginx, Aerospike, Redis, Rethinkdb and MySQL.
- Check <https://www.atomx.com/> for more information.

Adperium B.V.

Utrecht, Netherlands

CTO AND FOUNDER

Jun. 2009 - PRESENT

- Adperium is an advertising network that works with big publishers (Alexa top-500 website) and premium advertisers.
- Check <https://www.adperium.com/> for more information.

Mininova.org

Utrecht, Netherlands

PRESIDENT AND FOUNDER

Jan. 2005 - Apr. 2017

- I wrote a lot of the code and did a lot of optimizations.
- The website was written in PHP using MySQL as storage.
- At its peak Mininova was handling 30 million pageviews from 7 million unique visitors per day.
- The word 'mininova' ranked 9 on [Google's list of most queried terms in 2006](#).
- On february 18 2008 Alexa.com ranked mininova as 54th biggest website on the internet.

Education

Utrecht University

Utrecht, Netherlands

B.S. IN COMPUTER SCIENCE

2002 - 2012

- Took me way too long because I was more interested in other projects and businesses we were starting.

Projects and Open Source Contributions

A small sample of projects and open source contributions that I have made in the last couple of years.

Druid

<https://github.com/druid-io/druid/commits?author=erikdubbelboer>

- I contributed many improvements to Druid, a high-performance, column-oriented, distributed data store.

Java
2016 - PRESENT

phpRedisAdmin

<https://github.com/erikdubbelboer/phpredisadmin>

- A Simple web interface to manage Redis databases.

PHP
2011 - PRESENT

Discnt

<https://github.com/erikdubbelboer/discnt>

- Distributed eventually consistent counters.
- We use this at atomx.com to sync campaign budgets in realtime between multiple datacenters around the world.

C
2015 - PRESENT

fasthttp

<https://github.com/erikdubbelboer/fasthttp>

- I maintain the only actively maintained fork of the popular fasthttp Go package.

Go
2017 - PRESENT

nginx-http-auth-digest

<https://github.com/samizdatco/nginx-http-auth-digest/graphs/contributors>

- I maintain the nginx-http-auth-digest module which provides Digest authentication to Nginx.

C
2016 - PRESENT

redis-lua-scaling-bloom-filter

<https://github.com/erikdubbelboer/redis-lua-scaling-bloom-filter>

- LUA Redis scripts for a scaling bloom filters.

Lua
2012 - PRESENT

OS Tutorial

<https://github.com/erikdubbelboer/os-tutorial>

- I wrote an example on how to use GRUB to boot a small operating system running in paged virtual memory.

C/ASM
2010

Brainfuck JIT

<https://blog.dubbelboer.com/2012/11/18/brainfuck-jit.html>

- I wrote a JIT Brainfuck interpreter using GNU lightning.

C
2012

libuv-lua-http-server

<https://github.com/erikdubbelboer/libuv-lua-http-server>

- Simple example webserver using Libuv and LUA.

C
2013

Golang

<https://github.com/golang/go/commits?author=erikdubbelboer>

- Minor speed improvement and fixes for the Go programming language.

Go
2015 - 2017

ffjson

<https://github.com/pquerna/ffjson/commits?author=erikdubbelboer>

- Bug fix and additional features for ffjson, the fast JSON serialization for Go.

Go
2016 - 2017