

Jan Jongboom

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Engineer with over 10 years of professional experience. I worked at a variety of company's: from a small development firm, to a VC backed startup, and to a big enterprise. I'm a language agnostic developer that can adapt to any situation, and thrives when working on cutting edge solutions and open source projects. Besides development I'm an active developer evangelist who can speak for any audience, can build you an active developer community, and write articles that top Hacker News and Reddit Programming. I also have ton of rep at Stack Overflow.

Some of my side projects include: JanOS, which transforms mobile phones into IoT boards; a cheating library for Football Manager (> 500,000 users); the first cross platform deployment tools for Azure; and the Mbed simulator, which cross-compile embedded C++ applications to the browser. I have also contributed to Cloud9 IDE, Firefox OS, Gecko, request, async, Ace editor, emscripten, Mbed OS, JerryScript and a ton of other projects.

Work experience

Principal Developer Evangelist IoT at ARM (January 2016 - Present)

Developer enablement for the ARM Mbed IoT device platform. Working with local communities, partners and the core team on better tooling, libraries, demo's and workshops. Incorporating everything from embedded development to data analytics to frontend apps.

Engineering includes greenfield work on bridging non-IP protocols like LPWANs and BLE into Mbed Cloud, supporting customers on advanced topics like uVisor, and writing many open source libraries and examples. Contributor to JerryScript, and maintainer of JavaScript on Mbed. Created first multicast firmware update solution over LoRaWAN.

IoT Developer at Telenor Digital (October 2014 - January 2016)

Working together with Telenor Connexion on smart office solutions and building the first LoRa network in the Nordics, as well as embedded development to build end-nodes with Bluetooth Low Energy and LoRa. Also initial work on an IoT version of Firefox OS and author of NativeIO API in Gecko.

Firefox OS Evangelist at Telenor Digital (January 2013 - March 2015)

Building developer community in Telenor markets, supporting the launches in Serbia, Montenegro, Hungary and Bangladesh. Presented at conferences, created training material, organised app days, trained local trainers, and supported the local Mozilla community. Also wrote the book 'Firefox OS in Action'.

Firefox OS Contributor at Telenor Digital (January 2013 - October 2014)

Contributing code to Mozilla's open source mobile OS, as a peer for the keyboard team and have submitted code to Gecko (C++) and Gaia (JavaScript). Amongst others I implemented the InputMethod API, and worked on performance optimisations and the autocorrect algorithm. During my time Telenor launched phones in four markets.

Core Developer at Cloud9 IDE (October 2011 - January 2013)

Developer at the Amsterdam / San Francisco based startup Cloud9 IDE. We were building an online IDE that offered realtime collaboration, virtual machines in the cloud and built in cloud deployments on top of general IDE features (static analysis, debugging, refactoring). I joined the company approximately two months after they raised Series A and left when we ran out of money, so I've had my fair share of startup experience.

I've basically been all over the place, from debugging to billing to editor features. Also did a fair bit of evangelism, and spoke at around ten conferences.

Developer at funda (December 2008 - October 2011)

Full-stack developer for the leading real estate portal in the Netherlands. When I was working here we were serving around 250.000.000 page views to 4 mio unique visitors each month. I've touched basically every part of the code in the three years that I've been working here, and also was dev lead for the mobile website.

Most fun project: Smart searchbox, extremely fast and intelligent autocomplete box. Primary interface for searching locations; contains 200.000 entries, and understands hierarchy, spelling errors, etc. Handles 300 query's per second at an average response time of 5 ms. See my blog under the section 'Algorithms'.

Developer at Arlanet (March 2008 - December 2008)

Developer at ITSD (January 2006 - February 2008)

Education

2007 - 2008 Information Science (University of Amsterdam)

2000 - 2007 Atheneum (St. Michael College)

Recommendations

"It is often said that some programmers are a hundred times more productive than others. Jan is an example of this group. When he puts his mind to something, he gets things done at an enormous pace. He may grumble sometimes, but he gets the job done and gets it done well. Not only is Jan an outstanding developer, he also has a great sense of humor and is a very vivid presenter."

— *Zef Hemel, VP of Engineering, Cloud9 IDE*

"Jan and I worked together to support in Cloud 9 for publishing node.js applications to Windows Azure. Timelines were short, this was a high profile project, and he came to the table with no real background in Azure. I was amazed at how fast Jan was able to grasp the core Azure architecture / REST APIs and get the functionality implemented. He turned around the project very quickly. The result was a one-click experience that makes it really easy to deploy! I would definitely work with Jan again in the future."

— *Glenn Block, Senior Program Manager - Windows Azure SDK for Node.js, Microsoft*

"The one thing I like most about working in software development is the people. Good developers are often a bit unconventional, think out of the box and are always smart. Jan ticks all of the boxes and was a pleasure to work with. Jan is not a great fan of discipline and regulations, but when he's on track, he is incredibly productive and usually designed solutions that exceeded my expectations."

— *Teun Duynstee, Head of development and architecture, Funda*

"Jan is the youngest, yet one of the most senior developers at Funda. A likable guy, always in for fun, self confident and aware of his high potential. Jan is very serious about his work though. I have seen him creating smart solutions fast during the time I worked for Funda. He is always on top of new trends and innovations regarding software development, skilled at them by the time most people first hear of them. Jan's curiosity and ability to adopt new skills stretch beyond software development. He is an all round creative thinker and shares his ideas with great enthusiasm."

— *Henk Kok, IT Consultant, Funda*