Jan Jongboom

janjongboom@gmail.com
http://www.janjongboom.com

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 want to build world-class products that are actually used, and having an ecosystem that pays attention is one of the ways to achieve this.

Some of my side projects include: the Mbed simulator, which cross-compiles embedded C++ applications to the browser; a firmware update solution for ultra-constrained networks; JanOS, which transforms mobile phones into IoT boards; and a cheating library for Football Manager (> 500,000 users). I have also contributed to Cloud9 IDE, Firefox OS, Gecko, Ace editor, Emscripten, Mbed OS, JerryScript and a ton of other projects.

Experience

Co-founder and CTO, Edge Impulse (June 2019 - Now)

Edge Impulse is enabling developers to create the next generation of intelligent devices with embedded Machine Learning.

Principal Developer Evangelist IoT at Arm (January 2016 - June 2019)

Leading the developer evangelism team - across three continents - for Arm's IoT device platform. Working with local communities, partners and the core team on building a consistent experience that helps customers get to market faster. Regular speaker at industry events, including Bluetooth World, Embedded World and Arm TechCon.

Engineering includes greenfield work on the Mbed OS simulator, initial version of Arduino on Mbed OS, JavaScript on Mbed, firmware updates over LoRaWAN and bridging non-IP protocols like LPWANs and BLE into Arm Pelion (released as Mbed Edge). Created first multicast firmware update solution over LoRaWAN. Representing Arm in the LoRa Alliance Technical Committee and the GSMA NB-IoT forum.

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

Working together with Telenor Connexion on smart office solutions and building the first LoRaWAN network in the Nordics, as well as embedded development to build end-nodes with Bluetooth Low Energy and LoRaWAN.

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

Balancing between being an active contributor to Mozilla's open source mobile OS, and build a developer community in Telenor markets. As a core contributor to Firefox OS I actively worked on the keyboard and autocorrect algorithm, implementing the InputMethod API, and on building a smooth experience on inexpensive phones. During my time Telenor launched phones in four markets.

As an evangelist building an active 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.

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've basically been all over the place, from debugging to billing to editor features. Also did a fair bit of evangelism through conferences and blog posts.

Cloud9 IDE is now a part of Amazon Web Services.

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. Worked on core parts of the stack, including as the development lead for their mobile website and the smart search box.

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) |