

Arjan Wooning

Profile

Born in the Netherlands, living in Czech Republic since 2011, native Dutch speaking, fluent in English, a bit Czech and German. Can work alone, but also like to work in a team. Open in communication.

Eager to make solutions with a high up-time, robust, maintenance friendly, well documented and cost aware. Always thinking on the long term.

As a hobby I've build an alarm/home automation/camera motion detection system in Python 3 and C, including hardware development of the wireless low-power sensors. Modules are communicating via MQTT. Also like endurance swimming and cycling.

Work experience

2006-Present

Owner

Firm-ware

Firm-ware is my own company for technical consult, support and maintenance to small companies

The technical work is including server and desktop administration (Linux and Windows), website development and maintenance on Wordpress and Hugo. Also automatic monitoring services, VPN, remote backup (rsync), VOIP, Google G-Suite

2003-2011

Software Architect

Imtech Marine & Offshore

Imtech M&O was developing and installing electric installations and electronics aboard of special ships, like dredges, navy ships and luxury yachts

As a team leader with 4 to 9 people, developing in C/C++ an electronic chart display for the ship bridge (ECDIS). Highly complex product with 800.000 lines of code. Next to the team leadership I also was the Linux specialist for the main redundant server on the bridge.

2000-2003

System Analyst / Technical specialist

KPN

KPN is the biggest telecom company in the Netherlands

Working in the software house department. Working on all kind of small and larger projects, like:

- International team for automating the process for ADSL orders with Tibco
- International team for developing a high volume billing data processing platform

1997-2000

Firmware and software engineer

Thales Defence

Thales Defence is a manufacturer of products for the defence industry

Our team was working on Link11, which is distributing tactical information via VHF frequency between a NATO fleet with ships and helicopters. I was developing in the C programming language, device drivers and BPSs (Board

Support Packages) to make VxWorks Real-Time OS able to run on new modem boards.

1989-1997

Product developer

Adesys

Adesys is a manufacturer of products for controlling and alerting within critical business processes

Development of hardware and software to a complete product. Prototyping, PCB routing, EMC and field testing. Software development in C, ASM and PLM on the Intel 8051 CPU

Education

Object Oriented and Information Technology, Haagsche Hogeschool, The Hague

Diploma: 1998

Computer Technology, Haagland Techniek, The Hague

Diploma: 1989

Electronics, Haagland Techniek, The Hague

Diploma: 1988

AT Computing certificate: Advanced Unix Programming

Wind River certificate VxWorks Board Support Packages and device drivers

Wind River certificate: VxWorks RealTime Programming

Tibco certificates: TIB103, TIB123, TIB523, TIB202, TIB702

Mikrocentrum certificate: PCB Layout and EMC

Twice certificate: Object Oriented Analysis and Design using UML

Skills

Linux/Unix expert

Python

Develop hardware

C / C++

(Embedded) software development

Team-worker, open in communication and open-mindedness

Robust solutions with high-uptime, well documented and cost awareness

Thinking on the long term

Languages: Dutch (native), English (fluent), German (bit), Czech (bit)

Focus on results