

Yohann Martineau

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Work experience

Alcatel-Lucent – Embedded software engineer / DevOps *since 2011*

- Tests automation, maintained and added new features on 8650 SDM product (HLR/HSS) validation tools.
- Maintained and added new features on legacy and UEFI BIOS on five x86 and amd64 ATCAv2 boards (telecom platform).
- Ported a UEFI BIOS from a reference board to a new IP switch board.

Nexcom Systems – Software engineer *2006 – 2010*

- Designed and developped a WebRTC - SIP gateway demo.
- Developed, validated and maintainted an Adobe Flash - SIP gateway product.
- Developed a prison calls monitoring and supervision system demo.
- Designed and developed an IPTV network demo based on open source software.
- Developed a demo system to split audio and video media streams for SIP networks.

Devoteam – Software engineer *2005 – 2006*

- Developed a UPnP control point web interface on Livebox home gateway, was the technical manager of a small team.
- Maintained and added new features to push-to-talk IMS application developed by Siemens.

Technical skills

- **Object oriented development (java)**, system development (c, x86 assembly, bash, perl), web (html, javascript)
- **VoIP network protocols (SIP, SDP, RTP)**, Internet (IP, TCP, UDP, HTTP, DHCP), IPTV (RTSP)
- **Linux Administration**
- Used and configured audio (G.711, G.729, speex, AAC) and video (H.263, H.264) codecs
- Used many frameworks, librairies and project management, versioning, integration and test tools

Education

- Master's Degree: ESEO, Angers, France, 2005.

Free time activities

- Bagpipes teacher
- Developed an open source SIP client: <http://peers.sourceforge.net/>.