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## Embedded Software Engineer

### Experience:

#### Sony Ericsson Mobile Communication:

- **Software engineer** (since 01/02/2008) in charge of the adaptation layer between the layer 1 from Texas Instrument and the Anite Tool (SAT(H)) (First camp on a GSM/GPRS Cell). Take Part of the developing of Layer 2 and Layer 3 from the GSM/GPRS protocol stack.

#### STMicroelectronics:

- **Software Architect:** (2005/2008 (24 months)) Take part of the porting of the Windows CE and the Windows Mobile BSP on Nomadik platform.
- **Team Leader** of Oasis (2003/2005 (14 months)), project to create a tool to simulate the hardware platform and allow a pre-integration of the embedded software (team of 9 people between 2 sites Paris : France and Noida : India)
- **Project Leader** of GDL (2003 (9 months) 4 people), project to develop the IP/GPRS adaptation layers (SNDCP and LLC).

#### ALCATEL:

- **Project Leader** of GDL (2001/2003 (21 months) 4 people), project to develop the IP/GPRS adaptation layers (SNDCP and LLC).
- **Software engineer** (2000/2001 (6 months)) in charge of the prototyping of access stratum algorithms for a UMTS simulator.
- **Software engineer** (1998/2000 (24 months)) in charge of the base band software of a GSM/CTS mobile

#### PHILIPS:

- **Software engineer:** (1997/1998 (13 months)) take part of 2 projects, acoustic improvement of GSM phones ([1 patent](#)) and videophone on GSM network.
- **Software engineer:** (1996/1997 (12 months)) validation and testing of L2 and L3 of GSM phones.
- **Software engineer** (1995/1996 (8 months)): in charge of the signal processing software for the modem part and the internet protocols for the screenphone project.

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### Education:

1995: Master of Science in signal processing from Telecom Paris (ENST Paris)  
1994: Degree in Telecommunication and electrical engineering from ESIGELEC Rouen.

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### Languages:

English: Fluent.  
German: Good skills.

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### Computer skills:

Advanced language: C, C++, Dbase, TekTMS, Matlab, Pascal, PERL, HTML .  
Assembler: 68000, TMS320C25, AD2181, REAL, KISS.  
Operating system: Dos, UNIX (Solaris, Linux), Windows CE 6.0, Windows Mobile 6.0.  
Software Configuration Manager and bug tracking: Clear Case, DDTs, DMS  
Network Protocol: TCP/IP, UMTS, GSM, and GPRS