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Curriculum Vitae

PERSONAL INFORMATION	**István Szikra**

📍 Budapest (Hungary)

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WORK EXPERIENCE

2013–Present

Electrical engineer

3C Telekom Ltd., Budapest (Hungary)

Software architect for embedded systems (project leader for remote management and monitoring, C/C++ developer for AVR and ARM Cortex-M3 controllers, C# PC GUI)

2012–2013

Electrical engineer

FPGArt Ltd., Budapest (Hungary)

Flight recorder embedded RAID controller development (C++ ARM environment)

2002–2012

Electrical engineer

Eductronic Ltd., Budakeszi (Hungary)

Software development on Windows in Delphi and Embedded C development for AVR microcontrollers

2007–2010

Electrical engineer

Rabbit Gaming Ltd., Solymár (Hungary)

Embedded hardware design (PCB, AVR controller in C and Delphi software components) and Windows Embedded management

07/2009–08/2009

Software Developer

Tetra Pak Ltd., Budaörs (Hungary)

ASP.NET web development in C# language with MSSQL database access

2005–2006

Electrical engineer

Thormed Ltd., Budapest (Hungary)

Spirometer development (AVR microcontroller in C and Delphi GUI for Windows)

EDUCATION AND TRAINING

09/1999–06/2005

M.Sc. in Electrical Engineering with excellent grade

Budapest University of Technology and Economics, Budapest (Hungary)

Embedded Systems major

PERSONAL SKILLS

Mother tongue(s)

Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

Good SVN and Mercurial Distributed Version Control knowledge (client and server side)

Programming language skills

      C (Expert, 10+ years of work experience)

      C++ (Advanced)

      Assembly (RISC, x86, x64) (Advanced - have been using and teaching it for years)

      Delphi (Advanced, have been using Pascal since I was a child)

      C# (Intermediate)

Scripting languages (php, batch, python, perl, vbs, shell)

Verilog hardware definition language, FPGA design

OrCAD, Altium schematic and PCB design

Computer skills

Advanced Windows, some Linux skills

Advanced Excel skills (with macros)

Server management (Apache, certificates, MySQL)