Personal info
- first name / surname: Gábor / Csonka
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- nationality: Hungarian
- birth: Budapest, 30/4/1973

How I can support your business:
- Profound understanding the principles of electronics
- 40 years of experiences in electronics (yes, I started it in my very early childhood)
- Unortodox but audit-proof problem solving skills and experiences
- Almost 20 years of industrial experiences
- Experiences in radio/tv broadcasting, theatre, music party (light and laser)
- Flexibility. If you have a business critical issue to solve I will dive into it almost anytime.
- I can work even independent or in a team whichever serves better our goals.
- Self esteemed, self-controlled, self-confident, and solution focused. Under almost any circumstances.
- As having my own business from 1999 I have profound sense of ownership.

Education
- graduation: M.Sc. in electrical engineering, completed in 1998, at Technical University of Budapest, also known as BME (Budapesti Műszaki Egyetem), EE faculty.

Languages
- Hungarian: native
- English: fluent

Driving license: B

Skills
- Electric design
- Electric construction
- Certain mechanic design
- Certain mechanic construction
- Electronic design
- Electronic construction
- Doing the aboves even for meeting serial manufacturing requirements
- Finding and fixing hidden and unusal faults in industrial/manufacturing stations, equipments, gauges etc.
- Sw design and coding in many languages and environments: currently C, C++, C#, Pascal,

Visual Basic, PHP, Javascript, TxSL, but any further ones are easy to learn to me (except Brainfuck :))
- Can solve and maintain sensitive human situations by certain communication

Experiences

When	What	Gained or enhanced skills
2018-2024	Bunch of TxSL based stations development, transfer and integration in Continental BUD	**Hard: Agilent/Keysight Testexec SL** installation, configuration, tuning. **Siemens VDO ATI** installation, configuration including building a uniformized SMB based config and logging environment, knowledge in DTP control structures, ATF files etc, Conti BUD MES (a **Camline MES**) integration (wrote my own connector in **C#**), profound details in behavior of TxSL sequences, symbols, calls, timings, overlaying event handlers etc. It bringed me some knowledge in Visual Basic scripting though. **Soft:** international team work, knowledge in audits, Conti specific documentations and processes, advanced communication issues handling skills, advanced conflict handling skills.
2006-2024	„General problem solver" at Conti BUD	**Hard:** wide range of industrial hardware failures from finding broken cables to fixing PLC IO cards have burned out output stages. Wide range of software / IT-related failures, sometimes I saved Windows installations from a long and kinda risky reinstall etc. **Soft:** team work, advanced communication issues handling skills, skill of mapping dynamics of teams and people.
2006-2024	Rebuilding an offline soldering station in Conti BUD	**Hard:** knowledge in stepper motor control (I've built my own controller), **PLC programming** (OMRON), Conti BUD MES integration. **Soft:** close team work, advanced communication issues handling skills, finding proper suppliers and communicating with them in a proper way.
2006-2024	Electronic design of a screwing station in Conti BUD	**Hard:** Both of power and control side design and building in practice, PLC programming (OMRON), Conti BUD MES integration, documentation. **Soft:** close team work.
2005-2016	Programmable function generator (electronic, mechanic and sw design development and build) for Bioderm Kft.	**Hard:** Full electronic and mechanic design of a serial product, from scratch. Firmware development in assembly for 16 bit mid range **PIC MCU**. **Soft:** maintaining the coworking with a completely unqualified person.
2019-2024	Home automation system for myself	**Hard:** Electronic and mechanic design of several prototypes, using **MQTT**, **JSON**, **C/C++**. The hardware is **ESP32-Wroom** based. **Soft:** -
2003-2006	Designing and	**Hard:** Full **electronic and electric design** of the

	building a mobile testbench for Ministry of Defense	equipment from scratch. Full **mechanic design** of the equipment to meet the mobility requirements (it was a tower which was built into a bus), a bunch of custom design considerations, **CPLD**, C++ etc. It was my most interesting project ever. **Soft:** maintaining the close coworking with my customer, in a pretty harsh environment.
2004	Televison studio renewal and sound engineering for Újpest Televízió	**Hard:** Getting knowledge in TV studio design, equipments, principles and bulid it in practice.. **Soft:** maintaining a coworking with my customer who was not a qualified engineer..
1998-2024	Building and operating my own IT infrastructure	**Hard:** Profound knowledge in several **Windows** versions and in **Linux** (especially **Debian**). Basic/intermediate knowledge in wired, wireless, and optic network design. Basic/intermediate knowledge in **managed switches** and routers. (Especially **Cisco** and **Mikrotik**.) **Soft:** -
1991-2024	Designing and building electric networks in my certain locations	**Hard:** Knowledge in how to be an electrician and stay safe. **Soft:** -
2005-2010	Designing a web based warehouse management system for myself	**Hard:** Knowledge in web design (html/css), SQL (**MySQL**), **PHP**, and **Javascript**. **Soft:** -
1993-2002	Designing, building, and operating a show light and laser system for myself	**Hard:** Knowledge in safe electric and mechanic design practices in hostile environment (including dealing with huge amount of heat in little volumes), **Pascal**, C, C++ programming, PIC assembly programming, **Soft:** Communicating with persons having very different mindsets.

Hobbies / free time activities:
- Electronic design, experiments, sw design, learning technical/engineering topics (I'm developing an own smart home system and operating a SOHO IT infrastructure with some services for pubilc as well.)
- Spending time with my daughter
- Hiking
- Discussing with friends, either providing and enjoing support

What you should consider on working with me:
- I prefer focusing at my tasks. Less interrupts result in great productivity.
- Noise sensitive. A quiet environment is essential for me. Anyway, I can deal with open offices just sometimes I appreciate a silent box and some home office. (About HO policies please find my notice below.)
- Non-working team activities only occassionally. I really and kinda appreciate all invites but I won't bear them all.

Finally 2 more personal but important thing and a little note:
- I'm really unhappy and confused with this but I must say a few words about home office. As many leaders restrict it lately with no real reasons I must explain my opinion, needs and policies about it. I am solution focused. I **will** be on-site if it is needed for completing my current tasks regardless of date and time so you can count on me even on weekends and holidays. If my physical presence is not needed for my tasks I'll be either on-site or off-site depending of my current needs only. Of course, I always discuss it with you in advance. (Actually it isn't a bad news for you. My wellbeing is a key for my performance so letting me more convenient emerges your business though.)
- I prefer mutual partnership. So I prefer being asked rather than directed, discussions rather than control. In order to guarantee these, I prefer becoming your supplier rather than your employee.
- If you find anything inconvenient here we aren't searching for each other, likely.

Budapest, 2025. October