

CAREER PROFILE

I've worked as and Electrical Engineer for twenty years at multinational companies, at small family business and also have experience working as a freelancer. During my professional career I've always enjoyed the programming and IT related tasks the most. I'm an innovative and technology driven professional seeking an entry-level remote software engineer position. I've learned that the end of the day the only thing that matters is results. I've decided to take a Fullstack Web Development course and build some real applications. At the end of the course I will develop 8 webapps. For the details and updates please see my [website](#).

SKILLS & PROFICIENCY

Teamwork and Communication In most of my career I was working in team. Big, small, multinational and multicultural. I've learned how to communicate with them efficiently. My friendly and positive attitude has boosted the levels of teamwork and has helped increase organizational productivity. Represented the company in front of international customers at site surveys, during factory acceptance tests and commissionings.	HTML5 & CSS
Adaptability I had several positions in different workplaces and worked on abroad for shorter periods that make me to adapt to various environments and requirements.	Javascript
Decision-making Specially as a Project Engineer I had to make many decisions during project execution and consider both the customer's and my employers best interest.	NodeJS
Technology literacy I I've dealt with a lot of different technologies and I've learned everything outside school. I'm feeling comfortable with working and learning with technical documentation or even creating one. As a project engineer I've always had to think in systems and not only in individual technical devices and see how all of the parts are working together.	MongoDB
	SQL
	React & Angular
	React Native
	Redux
	Python & Django
	Visual Basic

EXPERIENCES

Freelancer Vác, Hungary	February 2022 - Present
Taking the Full-Stack Web Development Program at CareerFoundry. I also accepting small electrical engineer contracts to get some financial support during the career transition.	
Gas Turbine Controls Project Engineer Baker & Hughes - Fót, Hungary	June 2012 - March 2018
<ul style="list-style-type: none">Project leading of Gas turbine control system upgrades and participation in couple of DCS controls upgrade. International projects in Energy and Oil & Gas industry around the world (with customers like Chevron, Linde, Sonatrach, Sonelgaz, EDF, Exxon, etc...)Mark IV and Mark V migrations and complete control system upgrades to Mark VIe (GE latest Control System). Integrate external systems like Excitation, Generator Control, Fire Protection Panel ...HMI and network topology design including PLC / Control System configuration / programmingVisual Basic programming for large data handling in Microsoft ExcelSite survey/study and data collection, design review meetings with customers, managing technical team during project executionContinuous communication with customer's stakeholders and with our international engineering teamPrepare and lead the customer witnessed Factory Acceptance Test and site commissioning supportDeveloped internal processes and plans for mechanical verification, product development and factory processes.	
Control Cabinet Hardware Designer GE Oil & Gas - Fót, Hungary	December 2009 - June 2012
<ul style="list-style-type: none">Local Control Panel / Cabinet design of Mark VIe Gas Turbine Control Systems and Bently Nevada Vibration Monitoring System packagesElectrical / control / automation system design, following the related international and local standards. Design documents, diagrams, loop drawings, schematics in AutoCAD, AutoCAD Electrical, Autodesk Inventor and EPLAN. Managing the Bill of material and Material Masters in ERP (SAP)Supporting of the manufacturing process and the test of the control cabinets. Monitored company inventory to keep stock levels and databases updated.Resolved problems, improved operations and provided exceptional service.	
Manufacturing Support Engineer GE Energy - Veresegyház, Hungary	June 2007 - November 2009
<ul style="list-style-type: none">Aero Derivative Gas turbine package's BOM management in the corporate's ERP system (Oracle)Communicating with production planning and requisition engineering teams. Collaborated with team members to achieve target results. Participate in technical training in Houston HQ.Material sourcing technical support, create technical documentation to outsource subassembliesSupport shop-floor assembly, to assure that operators are following the given processes. Continuous optimization of the standard work proceduresParticipates in LEAN initiative, driving AWO actions to completion	
Maintenance Engineer Samsung - Göd, Hungary	October 2003 - May 2007
<ul style="list-style-type: none">Installing new equipment and improve the machines on the production line. Making machine trouble analysis and solving of the systematical machine troubles. Reducing the index time of the production line.Programming Sharp and Mitsubishi PLCs, Touch screens, Yaskawa robots, different servo controllersContinuously adhered to strict regulations as well as detailed instructions, guidelines and specificationsReviewed technical documentation to complete equipment maintenance and repair	

PERSONAL PROJECTS

- [Personal portfolio site](#) - A website to present my portfolio
- [Meetandworkshop](#) - A responsive website created in wordpress for a local co-working office
- [Statikusvac](#) - A responsive website created in wordpress for my wife to promote her services.
- [TrueNAS SCALE Server](#) - Installed a truenas server in my basement to deploy my personal cloud/data storage, media server and to experiment with other tools/services/containers.



Károly Lónich

Full Stack Developer
(Career Changer)

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EDUCATION

- Full-Stack Web Development Program**
CareerFoundry
2022 - present
- Explosionproof Technology**
Budapest Technical University
2018
- Integrated Compressor Control Training**
General Electric
2017
- Mark VIe Control System Operator and Maintenance Training**
General Electric
2014
- BSc in Electrical Engineering**
Budapest Polytechnic
2000 - 2003

LANGUAGES

- English (Professional)
- Hungarian (Native)

INTERESTS

- Running
- Hiking
- Skiing
- Lego