

CAREER PROFILE

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 Full-Stack 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.

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.

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.

Technology literacy

I've dealt with a lot of different technologies and I've learned the most important things outside the 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.

EXPERIENCES

Freelancer

Vác, Hungary

February 2022 - Present

- Taking the Full-Stack Web Development Program at CareerFoundry.

Electrical and Control Senior Engineer

Sherbiny Engineering - Gödöllő, Hungary

March 2018 - February 2022

- Designed Electrical Control Panels and specified instrumentation mainly for Oil & Gas and Petrochemical industry for the Saudi Arabian market.
- Commissioning support in Saudi Arabia

Gas Turbine Controls Project Engineer

Baker & Hughes - Fót, Hungary

June 2012 - March 2018

- Led projects of Gas turbine control system upgrades and participated in couple of DCS controls upgrades. International projects in Energy and Oil & Gas industry around the world (with customers like Chevron, Linde, Sonatrach, Sonelgaz, EDF, Exxon, etc...)
- Migrated Mark IV and Mark V control systems to Mark VIe (GE latest technology). Integrated external systems like Excitation, Generator Control, Fire Protection Panel
- Designed HMI and network topologies. Configured Programmable Logic Controllers
- Created Visual Basic macros for large data handling in Microsoft Excel
- Led site surveys, studies, data collections and design review meetings with customers. Managed technical team during project execution
- Continuously communicated with customer's stakeholders and with our international engineering team
- Prepared and led the customer witnessed Factory Acceptance tests and site commissioning support

Control Cabinet Hardware Designer

GE Oil & Gas - Fót, Hungary

December 2009 - June 2012

- Designed Local Control Panels of Mark VIe Gas Turbine Control Systems, Bentley Nevada Vibration Monitoring System packages and automation systems following the related international and local standards.
- Created documents, diagrams, loop drawings, schematics in AutoCAD, AutoCAD Electrical, Autodesk Inventor and EPLAN. Managed the Bill of material and Material Masters in ERP (SAP)
- Supported 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

- Managed Aero Derivative Gas turbine package's Bill Of Materials in the corporate's ERP system (Oracle)
- Communicated with production planning and requisition engineering teams. Collaborated with team members to achieve target results. Participated in technical training in Houston HQ.
- Supported material sourcing from technical side, created documentation to outsource subassemblies
- Supervised shop-floor assembly, to assure that operators are following the given processes. Continuously optimized the standard work procedures
- Participated in LEAN initiative, drove AWO actions to completion

Maintenance Engineer

Samsung - Göd, Hungary

October 2003 - May 2007

- Installed new equipment and improved the machines on the production line. Made machine trouble analysis and solved the systematical machine troubles. Reduced the index time of the production line
- Programmed Sharp and Mitsubishi PLCs, Touch screens, Yaskawa robots, different servo controllers
- Reviewed technical documentation to complete equipment maintenance and repair

PERSONAL PROJECTS

[Personal portfolio projects](#) - I built a couple of projects to demonstrate my technical knowledge. I created [smartcoder.dev](#) 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 Web Developer
(Career Changer)

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SKILLSET

HTML5 & CSS

SASS

Javascript

NodeJS

MongoDB

SQL

React

React Native

Redux

Visual Basic

Git

Linux

EDUCATION

Full-Stack Web Development Program

CareerFoundry
2022 - present

BSc in Electrical Engineering
Budapest Polytechnic

LANGUAGES

English (Professional)

Hungarian (Native)