

Curriculum Vitae

Personal informations

Name: Laszlo Bezi
Family status: Married
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Nationality: Hungarian
Date of birth: 15th March, 1983



Professional Practice

2018-present thyssenkrupp Components Technology Hungary Ltd. – *Lead SW Developer*
2017-2018 thyssenkrupp Components Technology Hungary Ltd. – *Technical Leader*
2013-2017 ThyssenKrupp Presta Hungary Ltd. – *Group Leader*
2010-2013 ThyssenKrupp Presta Hungary Ltd. – *Development Engineer*
2007-2010 Mentor Graphics Hungary Ltd. - *Embedded SW Development Engineer*
2005-2007 Furukawa Electric Institute of Technology Ltd. – *Development Engineer*
2004-2005 Microraab Co. – *Professional Trainee*

Education

2001-2005 Óbuda University, Kálmán Kandó Faculty of Electrical Engineering,
Institute of Instrumentation and Automation,
Safety Technology and Economic Informatics Department

Qualifications

2005 BSc Degree (Electrical Engineer)

Language skills

English: Communication Level (*Type 'C' Basic Language Exam*)
German: Basic level

Computer skills and competences

Linux, SVN, Git, SourceGear Vault, Synergy, Doors, Change, Protel, KiCAD, AutoCAD, SolidWorks, OrCAD, PRQA C, Parasoft, Tresos, Vector GENy, SystemDesk, Enterprise Architect, MISRA C, PolySpace, CUnit

Programming languages

C, C++, C#, Assembly, PHP, Perl, Java, Xtend

Known microcontroller families

STM32, NEC V850ES, Freescale MC9S12, MC9S08, MPC5xx, MPC55xx, MPC56xx & MPC57xx, Texas TMS470, Infineon TC17xx, XC8xx, Atmel ATmega, Microchip PIC16, PIC18 and DSPIC30

Driver license

Category 'B'

Detailed career history

From October 2018 to present: thyssenkrupp Components Technology Hungary Ltd.

Position: Lead SW Developer

I had the opportunity to join a newly formed team who are engaged in model-based code and documentation generation. I have domain expert and developer roles in this group. I have deepened my knowledge in Eclipse plugin development.

Projects:

- EPAS R12 platform and generic team support

Results:

- I gained experience in java(Xtend) development.
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From October 2017 to October 2018: thyssenkrupp Components Technology Hungary Ltd.

Position: Technical Leader

As part of a talent program, I got an assignment from CTO to create teams of students who are capable of performing development tasks independently (*4-5 students*) and supporting projects. It was great success. Three teams were recruited (*15 students*). My main tasks were recruiting, training, planning, tracking, supporting furthermore creating and developing the group structure. Since I was getting close to development again while teaching my students and meantime my daughter was born with whom I wanted to spend more time, so I changed position as Lead SW Developer.

Projects:

- EPAS R10 platform team support
- EPAS R12 platform team support
- Steer by Wire (SbW) platform team support

Results:

- My leader and recruitment abilities have been improved
 - I got to know the features of the EPAS system better
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From October 2013 to October 2017: ThyssenKrupp Presta Hungary Ltd.

Position: Group Leader of the Communication Platform Software Group

In this position I was involved development of processes and help to comply with it. Furthermore I shall help to create a pleasant work environment for employees. These activities were 25% of my job.

In the remaining 75% I was involved in the new platform as a development engineer.

Projects:

- Managed the development of Code Review Tool plugin
 - Managed coding guideline of new platform
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- Designed and developed Bootloader of CEVT project
- Worked 75% on the CEVT project as developer, integrator and resident engineer

Results:

- My leader abilities have been improved
- I am convinced of our processes become more transparent and faster

From October 2010 to October 2013: ThyssenKrupp Presta Hungary Ltd.

Position: Development Engineer

Developed AUTOSAR based FlexRay communication software components and modul tests in Electric Power Assist Steering (EPAS) Application.

Designed the whole SW makesystem environment and SVN folder structure in a new Daimler (BR205) project.

Integrated Vector Flash Bootloader for MPC5634L (BR205).

EPAS SW was integrated furthermore configured Electrobic Tresos and Vector GENy basic software components (BR205).

Developed Test scripts for CANoe and CANape.

These SW was supported on tester side (Budapest) or on customer/supplier side (Stuttgart/München/Arjeplog).

Projects:

- Developed Degradation Manager software component for EPAS
- Developed Communication Handler and Proxies for EPAS
- Worked 100% on the BR205 project as developer, integrator and resident engineer

Results:

- ASIL-D AUTOSAR software component development
- Work in an international environment
- Work in a high level quality and safety systems (*A-Spice and ISO26262*)

From July 2007 to October 2010: Mentor Graphics Hungary Ltd.

Position: Embedded Software Development Engineer

Post-build configurable CAN drivers and ISO bootloaders for several platforms were developed, integrated and tested for automation suppliers (*mostly Volvo and Ford*).

Projects:

- Integrated and tested post-build configurable CAN drivers for NEC V850ES, Freescale MC9S12, MC9S08, MPC5xx, MPC55xx, Texas TMS470, Infineon TC17xx and XC8xx based on ISO 11898, ISO 14229, ISO 15765
- Integrated and tested ISO bootloaders for NEC V850ES, Freescale MC9S12, MC9S08, MPC56xx based on ISO 14229 and ISO 14230
- Developed internal FLASH driver for Freescale MPC56xx family
- Developed CAN driver for Freescale MPC56xx family

- Developed external SPI FLASH driver for Altera EPCS4N
- Developed external I2C EEPROM driver for Microchip 24C65

Results:

- Learn project management skills
- Work in an international environment
- Work in a high level quality system (*A-Spice*)

From July 2005 to July 2007: Furukawa Electric Institute of Technology Ltd.

Position: Development Engineer

Electronic circuit design, construction and programming.

Projects:

- Controller circuits and firmwares was redesigned for pollution detection system with Microchip DSPIC30, PIC18 and ATMEL Atmega128 microcontrollers
- Prototype for acoustic pressure controller for high-voltage fiber insulators with Microchip DSPIC30 microcontroller
- Automatic charger, discharger and logger system for lead acid accumulators with Microchip DSPIC30 microcontroller

Results:

- Successful test measurements of pollution detection system in Japan
- Successful test measurements of acoustic pressure controller in factory
- Successful installation automatic charger system in laboratory of institute

From September 2004 to July 2005: Microraab Co.

Position: Professional Trainee

I got to know products of company and prepared my thesis.

Projects:

- Disturbance signal detector device designed for security systems with Microchip PIC18 microcontroller.

Results:

- Second place winner on the National Thesis Competition of Scientific Society for Measurement, Automation and Informatics 2005.