CURRICULUM VITAE

PERSONAL DETAILS

- Name: **Łukasz Kaźmierczak**
- Education/title: Higher, M.Sc. Eng.
- Date and place of birth: 09.03.1984, Łódź /Poland
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PROFESSIONAL EXPERIENCE

- SymphonyTeleca Poland, Łódź **01.10.12r. – 31.05.13r.**
  Consultant/Software Developer

  SW Developer:
  Cooperating in maintenance phase of Automotive software development. Bug fixing of reported defects, optimizing specific functionalities, implementing new features, recommending tests. Working on customer site or locally with constant contact with customer side. Supervising and coordinating work of 3-members team.
  Tasks received from one of largest German, USA companies in automotive branch.

- Teleca Poland, Lodz **06.09.10r. – 31.12.11r.**
  Consultant/Test Engineer/Software Developer

  SW Developer/Low-Level programmer:
  Cooperating in software development for Automotive branch. Creating low-level code(drivers), implementing functions required for new HW platform, modifying specific features. Verifying changes, diagnosing problems, bug fixing.
  Tasks received from one of largest German companies in automotive branch.

  Tester:
  Executing test (regression/BAT, device/field compatibility), reporting errors/bugs, creating documentation of problems and defects. Diagnosing the overall condition of mobile software: Symbian (5.0, 9.2, 1.11).
  Tasks received from one of largest companies concerned in mobile solutions.

- Siemens EEC, Wrocław **02.07.08r. – 01.10.09r.**
  Commissioning Engineer

  Implementing logic for PLC devices, making visualization screen(HMI), installing hardware parts of cabinet control system(functional modules and cards) on facility site(loopchecking, troubleshooting). Preparing databases for cubicles and cabling system. Creating and verifying embedded logic(FBD) according function plans. Verifying cabinets assembly schemas. Preparing corrections. Launching revisions.
  Tasks executed for customers in Poland and abroad.

- Amcor Rentsch, Lodz (Training) – Assistant in IT department (Helpdesk) **03.03.08r. – 30.05.08r.**
- Versita, Warsaw (Training)–Assistant/On-line Research Work **16.09.07r. – 16.12.07r.**
- Sapa Aluminium, Lodz (Training) – Incoming Inspector (QC/QA) **30.07.07r. – 24.08.07r.**

COURSES/TRAININGS

- Techniques for working effectively with Source Code (best objective practices and patterns, clean code methodology, code refactoring, unit testing)
- Computer Aided Design: **AutoCAD 2D/AutoCAD 3D**
- Communication systems in automotive vehicles (**CAN, LIN and MOST** data bus structures and standards)
- Principles of the Hardware/Software/HMI Engineering and Hot/Cold Commissioning (L-University/ Power Academy certificate)
- Analysis and interpretation of assembly, peripheral and P&ID documentation and specifications
- Power Plant Technology and Automation systems
- Architecture, structure and functioning of cabinets of the automation system (i.e. T2000/T3000 systems)
- SPPA T2000(Teleperm XP)/SPPA T3000 Control System
- Aid of assembly schematics for HW section:Tec4FDE/Tec4Fun
- KKS(Kraftwerk Kennezeichen System)–Power Plant Classification System

- Time Management for Software Developers
- SCRUM management methodology used in IT projects
- Project management guided by PRINCE2 methodology (OGC PRINCE2 Foundation certificate)
  - Project scheduling (MS Project, risk management, control of the project's progress/realization, Gantt's charts)
  - Practical aspects of Project Manager responsibilities (communication in team/project, motivating, conflicts, negotiations)
- Principles of delegating and realizing assigned tasks on customer site (secondments)
- Quality Management (ISO 9001, Export ECCN, ICS – The Internal Control System)

SKILLS/KNOWLEDGE

- Good knowledge of:
  - ✓ Linux(POSIX, multithreaded app/systems), Windows(WinAPI, multithreaded app), MS Office(basically user role, occasionally developing VB support solutions)
  - ✓ Architecture, functioning and programming 8-bit microcontrollers (i.e. MCS51: AT89C51RD2; AVR: ATtiny84, ATmega162, ATmega644; PIC: PIC16F628, PIC16F887)
  - ✓ Architecture, functioning and programming 32-bit microcontrollers (i.e. arch: ARMv4 – cores 7TDMI, ARMv5 – cores ARM926EJ, ARMv6 cores CortexM0, ARMv7 – cores CortexM3, CortexM4, CortexR4F, dual cores controllers CortexM4/M0)
  - ✓ Low-level programming in C and Assembler (i.e. based on MISRA C subset guidelines)
  - ✓ Programming in C++ based on object and structured strategy
  - ✓ Cooperation on multi-site developed software (version control system: git, mercurial, svn)
  - ✓ Designing, creating, modifying, problem diagnosis in embedded applications/systems and low-level drivers
  - ✓ Embedded operation systems (i.e. OSEK, uClinux, uCOS, FreeOS)
  - ✓ Communication protocols (i.e. MODBUS, ProfiBUS/HART)
  - ✓ Bus standards and communication protocols in vehicles (CAN, LIN and MOST)
  - ✓ Programming with use of dedicated IDE environments (i.e. Keil uVision, AVR Studio, MPLAB IDE, Code Composer, Eclipse C/JEE, Rational Software Architect IBM)
  - ✓ Operating on precise measuring devices (multimeters, oscilloscopes, laboratory power suppliers)
  - ✓ Operating on and adjusting for specific purposes diagnostics devices (i.e. scopemeters, logic analyzers)
  - ✓ Operating on protocols analyzing devices and programming interpreting filters and algorithms (i.e. PEAK, PCAN-PC, CAN-Card, CANoe)
  - ✓ PC (notebooks) hardware, architecture, functioning
  - ✓ Designing in AutoCAD 2D
- Average knowledge of:
  - ✓ Programming in VBA
  - ✓ SQL, MySQL, Access applications and databases
  - ✓ Designing WWW websites with use of HTML, JavaScript, CSS, Flash
  - ✓ Programming, simulating and process modeling with Matlab (Simulink), Protel, Proteus, OrCAD

- ✓ PLC controllers in scope of use in industrial system applications and logic implementation in Simatic S5/S7 (Ladder logic, STL, FBD)
- ✓ Processes visualization in the SCADA, DCS (InTouch, SPPA T3000)
- ✓ Designing in AutoCAD 3D, SolidWorks 3D
- ✓ Designing and program logic implementation in MicroWin for S7-200
- ✓ Designing and program logic implementation in SPPA T3000 system

- Basic knowledge of:
  - ✓ Programming in Php, Java, Ptyhon, XML, Android
  - ✓ Designing in Autodesk Inventor
  - ✓ Animations in Autodesk 3DS MAX
  - ✓ Processes visualization in the SCADA, DCS environment (Wizcon, iFIX, Teleperm XP, WinCC)
  - ✓ Designing and program implementation in S7 Simatic Manager, S7300/400

EDUCATION

- 2003 – 2008 **Technical University of Lodz,** Faculty: **Electrical, Electronic, Computer and Control Engineering,** Field of study: **Automatic Control and Robotics**, Main Specialization: **Automation Process,** Second specialization: **Applied Informatics**
- 1999 – 2003 John Paul II's Catholic High School, Lodz

LANGUAGES

- Polish – Native
- English – Advanced
- German – Basic

PERSONAL SKILLS

- Quick and easy learner with strong will and motivation to the development in scope of new technologies aspects and interpersonal cooperation, preferring creative approach in managing professional and technical issues
- Adaptable, flexible and oriented on planned and efficient work system keeping quality as a priority
- Ability to analyzing and solving problems with ease
- Making legitimate decisions in difficult/critical situations affected by stress factors
- Attended in many interpersonal trainings (oriented on 'soft' skills)

OTHER SKILLS

- Driving license, B cat.

HOBBIES

- New technologies, digital electronics, photography, bike trips, history