Personal Details

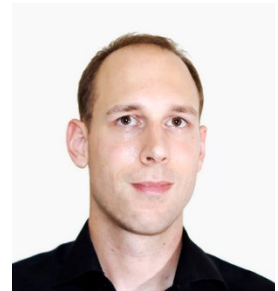Name: Marcus Ulrich Kontorowitz

Address: 333/123 Vararom Kaew Nawarat (Q-House)
                      T. San Pu Loei, A. Doi Saket
                      Chiang Mai 50220, Thailand

Date of Birth: 30. September 1979

Citizenship: German

Contact: Mobile: +66 (0)84 540 1701
                      e-Mail: Marcus.Kontorowitz@gmx.de
                      Skype: marcus_bcm

Work History

07 / 2015 - present
Team and Project Manager at Datamars Ltd. (Lamphun, Thailand)

As leading global supplier of high performance unique-identification solutions, specializing in RFID Technology Datamars Thailand is producing more than 50 million transponders per year. The New Product Development Department consists of 12 engineers, in total around 350 people are employed in Datamars Thailand.

Key Tasks & Responsibilities:
- Project management for NPI projects
- Team leader
- Development of standard procedures and guidelines for NPI team
- Knowledge transfer and communication with HQ in Switzerland

Achievements:
Leading projects to improve yield and productivity (UPH increase of 98% and yield up from 97% to 99.6%).
Solving reliability issues and improve machine and process reliability.
Introduce new database and software architecture.
Review and optimize bonding and coil winding.

06 / 2013 – 07 / 2015
R&D Manager at Bluechips Microhouse Co., Ltd. (Lamphun, Thailand)
Bluechips Microhouse is a cutting edge electronics design manufacturing company. Using state of the arts assembly technologies including surface mount, through hole and chip on board they have established the company and its services to be amongst the very best available today. Additionally they have integrated "just in time" manufacturing linked with low-cost production benefits. With a headcount in the R&D department of 12 engineers and a total of around 400 employees Bluechips is producing for several companies in Germany and Switzerland.

Key Tasks & Responsibilities:
- Project management for various (20+) customer projects
- Supervising 9 R&D Engineers (Software-, Electronic- and Mechanical-Development)
- Budget planning, time scheduling and preparation of quotations based on customer specifications

Achievements:
Management from prototype to series production of pressure sensor for German customer.
Qualification of product in direct cooperation with customer in Thailand, Taiwan and Germany.
Management of electronic development of a solar lamp in less than 3 month with CE certification with cost reduction compared to previous IC solution of 30% and increased efficiency.
Introduction of PMP targets for '2nd line' and implementation of Standard Operating Procedures for essential R&D procedures.

08 / 2007 – 06 / 2013
Embedded Systems Engineer at TABO EMBEDDED SYSTEMS (Graevenwiesbach, Germany)
TABO is an electronics design consultancy that caters to clients requiring rapid and high-quality product or system development solutions, typically automotive, medical and industrial automation applications.

Development of a multilingual Doxygen-Softwaredocumentation (German/English) for the TABO graphics library.
Several deployments for projects or as resident engineer as listed under Work Assignment.

Achievements:
Layout Training with focus on Electromagnetic compatibility optimization
Weekly Electronic Development and Software Development Training (2007-2008)
Presentation and Customer Contact seminar

Work Assignment

11 / 2008 – 07 / 2012
helag-electronic GmbH (Nagold, Germany)

Helag Electronic is a manufacturer of components for the automotive industry and first tier suppliers. The range includes switches, sensors, electronic controls and ECUs.
Their own product development department taking care of the evaluation and introduction of new products from design to series production. This is apparent by over sixty patents and utility models.
The products are supplied to a number of major car manufacturers and some of its suppliers in Europe, America and Asia. With a total headcount of around 400 employees and a development team of around 30 engineers the Company has received in the years 1998, 2000 and 2004 the award for Entrepreneur of the Year and is grade A supplier for Volkswagen.

Key Tasks & Responsibilities:
- Hard- and software development of automotive embedded systems
- Development of intelligent sensor technology in direct cooperation with the customer or referred to requirement specification
- Contact person for customer relating to sensor technology
- Support of strategic purchasing department, test laboratory and project management
- Supervision of EMC and series production
- Supervision of students

Achievements:
Development of a magnetic Break Pedal Sensor for Volkswagen with an annual quantity of over 3.5mio pcs. Starting at concept creation and introduction to customer, creation of prototypes, EMC testing, automotive qualification till support oft series production.

06 / 2008 – 10 / 2008
embeX GmbH/MTU Aero Engines (Freiburg, Germany)
http://www.embex.de/?lang=en

Development of test cases for system test based on RTCA DO 178B.
Software verification based on RTCA DO 178B.
Coordination and allocation of tasks to additional TABO Embedded Systems staff.

02 / 2008 – 05 / 2008
Qbit GmbH (Bruchsaal, Germany)
http://www.qbit.de/

Development of a password secured configuration web interface with status and configuration function on Texas Instruments C6424 DSP over CGIs.

10 / 2007 – 01 / 2008
Sirona Dental Systems GmbH (Bensheim, Germany)
http://www.sirona.com/en/

Initial operation and further development of an USB 2.0 HUB.
Testing of a hardware module containing an acceleration sensor.
Independently execution of all development stages (from PCB design to EMC tests).
Initial operation of a hardware module with ARM7 micro-controller.
Development of a test program for the ARM7 hardware module.

Education

09 / 2001 – 08 / 2007
University of Applied Sciences Giessen-Friedberg (Friedberg, Germany)
Major: Technical Computer Sciences
Degree: Diplom Ingenieur (Fachhochschule)
Master thesis: Spectral identification in ultra violet spectroscopy.
Main courses: Problem-Oriented Programming
                    Computer Architecture and Processor-Design
                    Communication Controller Technology
                    Communications Engineering
                    Modeling and Simulation of Technical Systems

07 / 2000 – 08 / 2001
German Armed Forces
Main tasks: Following basic military and technical trades training, served with the J6 Communication
                    and Information System Support Group ADP at NATO's Joint Headquarter Center in
                    Heidelberg.
                    Was involved in the implementation of a new IT landscape with 200 clients in addition to
                    help-desk and network administration activities.

06 / 1991 – 06 / 2000
High School - Georg Buechner Gymnasium (Germany, Bad Vilbel)

Competencies and Knowledge

- Languages: English: fluent in reading and writing
                            German: native
- Market Exposure: automotive, industrial, medical, aerospace
- Performance Management, Key Performance Indicator, Project Planning Software (MS Project, Project
  Libre, SmartSheet), Jira, SAP, SQL Databases
- Project & Team Management, Customer and Supplier Contact, ISO Standards, Standard Operating
  Procedures
- Computer Languages: C, C++, C#, assembler
- Electromagnetic compatible testing and layout, Altium Designer, Eagle, Target!

Soft Skills

Capacity for Community and Teamwork, Integrity, Responsibility, Project competency, Dependability,
Mental Agility, Flexibility Ability to work towards specific goals