Olaf Neubauer

(freelancer)

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Electro Drives and Automation Engineer

ON A LOOK

- Production and adaptation of PLC software (FBD, LAD, graph, SCL) for process and logistics systems in the mechanical engineering and investment construction
  Siemens (Step5/Step7/TIA), Allen Bradley (RSLogics), Schneider, Telemecanique.

- Commissioning of frequency-regulated drive systems (single drives and group drives).

- Specialist in the visualization of industrial processes (software Siemens-WinCC and WinCC-flexible, Citec and RS-View - Allen Bradley, Wonderware InTouch/Archestra)

- Team leader and project manager at commissioning and plant installation

- Electro-mechanical and electro technical specialist in machine construction

- Languages: German, English (very well), Russian (well), Chinese (Basic)

- 19 years independently, engineer's office Olaf Neubauer (01/1997)

AVAILABILITY AND CONDITIONS

- Available from:
- Daily rate: … €, (plus cost)
- hourly rate: .. €

PROJECT HISTORY (IMPORTANT PROJECTS IN THE LAST 7 YEARS)

Elval Greece

commissioning of chamber furnaces for stress-relieving and homogenizing rolling slabs

- Siemens SPS S7-400, Step 7, TIA
- WinCC + UserArchiv

02/2016 – 05/2016

3 months

Darling Fettschmelze, Erolzheim

Rebuilt the plc system, software and process visualization

- Vipa Speed7
- Wonderware InTouch visualization about 2000 E/A point
- Rebuilding without shutdown of production

12/2015 – 10/2015

2 month

Nanshan Aluminum Co., Ltd., Longkou, China *(Otto Junker GmbH)*
Southwest Aluminum Chongqing, China *(Otto Junker GmbH)*

Furnace with quench for aluminum profiles

- Siemens PLC Simatic S7-414F Safety
- WinCC with User archive, C/VB-Script for data archive
- speed- and position regulated drives

11/2014 – 10/2015

13 months

Beiersdorf AG, Waldheim/Germany *(AAR Montagen GmbH)*

Process system for batch cleaning of boils and pipes for cosmetic

- Siemens PLC Simatic S7-414
- WinCC, WinCC Batch

09/2014 – 10/2014

2 months

Aleris, Düffel/Belgium *(Otto Junker GmbH)*

Two Furnaces with shuttle for aluminum coils

- 3 Siemens PLC Simatic S7-317F Safety
- WinCC

06/2014 – 08/2014

3 months

Dalian Huicheng Aluminum Co., Ltd., Dalian/China *(Otto Junker GmbH)*

Furnace with quench for aluminum plants

- Siemens PLC Simatic S7-414F Safety
- WinCC with User archive
- C/VB-Script for data archive
- speed- and position regulated drives

03/2013 – 03/2014

1 year
2 months

Sonac Fettschmelze, Elsholz

Completed plc rebuilding without shutdown of factory production

- Siemens PLC Simatic S7-318
- Interfaces Wonderware visualization
- about 1000 E/A point

01/2013 – 02/2013

2 month

- batch controled cleaning system for cosmetics industry (01-02/2016, Siemens S7, WinCC + PM Quality + PM Control, Peter Greven, Germany)
- Multiple process regulation with programmable heat up and cool down circle to the glazes of granulate material for the production of piston rings (2012/2013, Siemens S7, WinCC + PMQuality, Stasskol)
- Controlled and cleaned arrangement for a mineral water manufacture. (2012/2013, Siemens S7 mit ASI, Adelholzner) *(AAR Montagen GmbH)*
- Cleaning arrangement and bottling plant for the cosmetics industry (2012, Allen-Bradley, Siemens S7, P&G Frankreich) *(AAR Montagen GmbH)*
- Extensive automatic handling of racks for finished parts completely during the profile production, with material pursuit and road optimization (2012-2013, Siemens-S7, Offenburg, part 2) *(Unterschütz GmbH)*
- Process arrangement for the cleaning, dosage and storage of chemical products of the cosmetics industry (2012, Siemens-S7, Norchem Russia) *(AAR Montagen GmbH)*
- Multistage reimbursement furnace for aluminum rims with age-hardening and ageing furnace and several manipulators for the supply and evacuation (2012, Siemens S7-414, WinCC, WinCC-Flex, Qinhuangdao/China) *(Otto Junker GmbH)*
- Complicated cleansing arrangement to the recipe-controlled cleaning of different product mixing kettle in the cosmetics industry (2011, Siemens-S7, WinCC, Beiersdorf AG/Florena- Waldheim)
- Recipe-controlled arrangement to the dosage for the production to pharmaceutical capsules (2011, Siemens-S7, WinCC-Flex, Pritzwalk) *(AAR Montagen GmbH)*
- Control to the HDI and CDI dosage in several mixing kettles (2011, Siemens-S7, WinCC-Flex, P&G Russia)
- Fully automatic tape arrangement to the packet assembling of brass poles of the most different styling with entrance and exit from an ageing furnace (2009-2010, Siemens-S7, Visu: WinCC-Flex, Dülken) *(Unterschütz GmbH)*
- process delta temperature regulation and control to the dosage for an available mixing arrangement to the shampoo production (2010, Siemens-S7, P&G Russia)
- Automatic recipe-controlled mixing arrangement for the production of industrial cleaners and budgetary cleaners (2010, Siemens-S7, Bielefeld)
- Fully automatic 3-part/axes profile stacker and destacker for aluminum profiles with automatic rack and spacer handling (2009-2010, Siemens-S7, Haag)
- 250-t Stretcher for aluminum pipes (2009, Siemens-S7, WinCC-Flex, Meinerzhagen)
- Extensive recipe management with PM-Batch (WinCC Siemens) for the drink industry (2008, Siemens-S7, Visu: WinCC, Erftstadt)
- Extensive fully automatic handling of racks for finished parts during the profile production, with material pursuit and road optimization (2008-2009, Siemens-S7, Offenburg)
- automatic stretcher for aluminum profiles (2008, Allen Bradley, RSView, Denmark)
- Software and visualization for the cosmetics industry (2006-2010, Siemens-S7, Wella AG Russia)

MORE CUSTOMERS

- Volkswagen, Berlin Chemie, Wild GmbH, Remed GmbH (Germany)
- Development of a CNC-based PCB milling
- Cleanol GmbH, Unimix GmbH (Germany)
- Veritx (Nederland)
- Wella AG (Italy, Thailand)
- Cosmetic company in the near of Paris (Telemecanique PLC and visualization)
- Hexal AG, Innovate GmbH, Schering AG (Germany)
- ALD/ABS GmbH (Germany)
- Lecturer in CNC basics and application at a regional educational institution

EMPLOYEE

University of Technology, Magdeburg	06/1992 – 05/1994
Research engineer	2 years

- Three-dimensional driving curve calculator for variable aims for crane automation

CePLuS GmbH, Magdeburg	06/1994 – 08/1996
Project manager, crane automation	2 year/ 3 month

- Project management
- software development
- Introduction
- order management

EDUCATION / STUDY

1987 – 1992	Study at the University of Technology of Magdeburg in the specialization Electric automation and electric drive technology
	Graduated: Graduate engineer (degreed engineer)
1987	High School, Stassfurt/Germany

ADDITIONAL QUALIFICATIONS

IT:	Pascal, C, C#, java script, HTML, PHP and MySQL, Visual Basic/C
Language:	English (very well), Russian (well), Chinese (BASIC)
Further:	Long-standing foreign experiences in Russia and China (for both countries exists a business year visa)