Zbigniew Sudnik
Software Engineer

London, OH - Email me on Indeed: indeed.com/r/Zbigniew-Sudnik/119bbef04484526d

Willing to relocate: Anywhere
Sponsorship required to work in the US

WORK EXPERIENCE

Software Engineer
Kinetics GmbH   -   Riyadh   -   July 1995 to August 1995

Riyadh, Saudi Arabia
• Writing programs, configure the hardware and commissioning
• Toxic Gas Monitoring Systems (TGM) - Life Safety Systems for Nanotechnology Research Center
• SIMATIC WinAC RTX F & ET 200S F (x10) - Fail-safe S7
• Step 7 (SCL, STL, LAD) and WinCC

Open Source Programmer, London
• Analysis of BitcoinJ project to optimize multithreading and concurrency
• Optimized 16-bit math library for J2ME

Open Source Programmer, Dublin
• Java GUI for compressing music files
• Native interface for reading CD Audio in Java (JNI)
• Reader music file format (Ogg Vorbis) for J2ME

Pure Java Ogg Vorbis Encoder, London
• Pure Java Ogg Vorbis Encoder. (Encoder compressing audio in a high quality format)

Main Programmer for BISYS-Siemens Project, Warsaw
• Converter RS232 - TCP/IP for communication between CSTA server and Siemens telephone central HiPath
3000 - VB, Java. Ordered by Siemens.
• Voice register for telephone calls via VoIP for Alcatel telephone central
• Technical consulting for creation of system CTI for Eurobank. Ordered by Siemens.
• Integration of ART program with group work system and CRM
• Creation and start up of the ART program (Telephone Traffic Analyzing) for Stock Brokers. System consists
of three modules: Server SAZ (Java, JDBC, XML), DB (Oracle 9i), and Reporting program (Java, JDBC, XML)

Commissioning Specialist, Siemens Enterprise Communications, Warsaw

• Integration and configuration of call center systems, VoIP and PSTN
• Voice delivery via Ethernet between locations in Warsaw, Poznan and Wroclaw

Automated Systems Programmer
AB Micro, Warsaw

• Configuration for weighing and sorting of batch for steel works stove (PLC, visualization, reports, integration) for Daewoo Motors
• Control of automation of lime, sugar and cement weighing and packing (PLC, panel, integration with visualization)
• Automation and control of amine filter

Constructor Programmer in Research & Development
Mera Pnefal, Warsaw

• Participation in the project of Eftronik regulator development (self-tuning)
• Creation of program for managing the regulator

Programmer of Automation Systems
UiS Infoprod Poland

• Siemens PLC software for a purification plant (PLC, panels)
• Visualization and integration with the existing control configuration for purification plant
• Software of operator panels OP15, OP17 for Polfa Lublin and a purification plant (panels)
• Software for a pumping station (PLC, panel),

Service of AEG multiverters
Interspin Poland

• Modicon PLC software for purification plant
• Servicing jobs

Internship, AEG Berlin

EDUCATION

MSc. in Electrical Engineering
Poznan University of Technology
April 2001 to September 2002

ADDITIONAL INFORMATION

Skill Summary

A competent programmer with 7 years' experience in designing, programming and testing software across a variety of platforms. Strong analytical skills combined with experience in structural and object oriented techniques. A specialist in PLC and Java. Worked on numerous projects from concept to completion. Works well in both team environments and individual assignments.
Languages: Polish (mother tongue), English (advanced), German, Russian (communicative)

Operating systems: Windows 8, Windows Server 2013, Linux