

## PERSONAL INFORMATION

- Flávio Henrique José de Souza
- Birthdate 15/12/1977
- Living in Sertãozinho, SP - Brazil
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## PRESENTATION

I work in automation and process control segment since **1995** and experienced direct contact with various areas of industry:

- Technical Support
- Preparation of Technical Quotations
- Coordinating and Executing Systems Projects
- Instructor of Training Courses

In the development area, I accomplished:

- Company's Intranet Development
- Software development for automatic price calculation
- Development of company's technical knowledge base
- Development of computer algorithms that became a United States Patent issued on April 4, 2006 under number [7024665](#)

Currently working as an International Applications Engineer, I am focused on:

- System architecture planning
- Equipment & Device specification
- Control panel and cabinet design
- PLC, Profibus PA and Fieldbus configuration
- Supervision software configuration
- Plant commissioning and start-up
- Technical coordination of engineering automation project teams

## RECENT PROJECTS

- As a coordinator:
  - ACE Ethanol, Wisconsin USA
  - Sugar Plant Ingenio Cristobal Colon, Dominican Republic (CAEI Group)
  - Sugar/Alcohol Plant Usina Bonfim, Brazil (Cosan Group)
- As a team member:
  - IPS oil wells, France and Algeria

*I believe in knowledge innovation, practical solutions to complex problems and to increase productivity.*

*I seek these goals through new technologies and concepts that can be applied in our daily work.*

## EDUCATION

- 1996-2001 - UNIP - Universidade Paulista - Ribeirão Preto - SP
  - Graduated in *Electrical Engineering* with emphasis in electronics

## EMPLOYMENT HISTORY

- Applications Engineer at International Engineering Department in Smar Equipamentos Industriais
  - Beginning January, 2001 to present
  - Activities
    - Automation System Projects:
      - Definition, configuration, testing, commissioning and start-up.
      - Automation of Sugar Mill, Boilers, Evaporator, Vacuum pans, Syrup HTG, etc
    - Presentations & Technical Trainings:
      - Execution of training courses about products to subsidiaries, representatives and end users.
      - Definition of Smar Certified Integrators Program technical material.
    - International Business Trips to:
      - United States, Mexico, Guatemala, Dominican Republic and Ireland
    - Coordination of International Technical Support Group
      - Support to subsidiaries, representatives and end users.
      - Definition and implementation of on-line technical support software to enable internet support services.
      - FAQ Database Development
- Inside Sales at International Division in Smar Equipamentos Industriais
  - Beginning 1995 until November 2001
  - Activities
    - Technical Sales Orders reviewing and approval
    - Technical Quotation preparation, reviewing and approval
    - Technical Support for company branches, representatives and end users

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**COURSES/COMPLEMENTS**

- Engineering
  - Courses
    - Control Valve - Smar Equipamentos - 21 h
    - Emergency Shutdown System Projects - ISA - 16 h
    - Process Control and Instrumentation - Smar Equipamentos - 40 h
    - Flow Computer - Smar Equipamentos - 16 h
    - Logic Programmable Controller - Smar Equipamentos - 38 h
    - Flow Measurement – Smar Equipamentos - 8 h
    - Operation and Configuration of CD600 Controller - Smar Equipamentos - 24 h
    - Operation and Configuration of FY301 Valve Positioner - Smar Equipamentos - 8 h
    - Operation and Configuration of of LD301 Transmitter - Smar Equipamentos - 16 h
    - ProcessView Supervision Software- Smar Equipamentos - 12 h
    - Profibus PA - 303 Line of Products- Smar Equipamentos - 8 h
    - System302 - Foundation Fieldbus - Smar Equipamentos - 16 h
    - Asi BUS - Smar Equipamentos – 2h
  - Information Technology
    - TCP/IP, Ethernet and Wireless – Smar Equipamentos – 3 h
  - Profetional Memberships
    - CREA - Council of Engineering, Architecture and Agronomy of the State of Sao Paulo
    - ISA – International Society of Automation
- Other Areas
  - Courses
    - Negotiation Techniques – Smar Equipamentos – 8 h
    - Customer Assistance - Smar Equipamentos - 8 h
    - How to do presentations - Smar Equipamentos - 8 h
    - Intellectual Property and Patents - Smar Equipamentos – 3.3 h
    - Quality Management System ISO 9001 - Smar Equipamentos - 4 h

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## SPECIALTIES

- Specification, Configuration, and Implementation of Automation Systems
- PLCs programming
- Profibus PA System configuration
- Foundaiton Fieldbus System configuration
- Supervision Software (HMI) configuration
- Fluent English
- Intermediate Spanish

## INTERESTS & SKILLS

- Programming Languages such as Visual Basic, C, C++ Java, Ruby and Scheme
- Computers, Networks and Internet
  - Plannning, Design e Configuration
- Operational Systems
  - Linux
  - Windows
- Music & Intruments
  - Acoustic Guitar/Electric Guitar

## OTHER INFORMATION

- I am married and raising a son, I have avaiability to move to other city, travel in Brazil and abroad.
- I have United States Visa
- Experience to travel during long periods of 30 and 60 days

*Hope to be contacted shortly by phone for further questions or interview.*

*Best Regards,*

*Flávio Souza*

*February 11, 2011*