

AIDA SMITH-PERERA

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Ms. Smith-Perera is a MSc. Electrical Engineer, bilingual (Spanish-English) and with sound knowledge of French, that has more than 14 years experience in real-time applications for the electrical industry, having worked with an important local utility company and participating in two major projects in collaboration with a Canadian-based company. She has acquired solid expertise in the SCADA and electrical applications for both distribution and transmission electrical networks having actively participated in the specifications, design, development control (supervising personnel), prototypes testing, implementations and fine-tuning, and system maintenance.

Ms. Smith-Perera combines senior management experience with consulting skills, having an in-depth understanding of innovative technologies regarding Control Systems and business strategies to enhance industry performance.

EDUCATION

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| 1989 – 1992 | Universidad Simón Bolívar , Caracas, Venezuela
Master of Sciences in Electrical Engineering |
| 1981 – 1987 | Universidad Simón Bolívar , Caracas, Venezuela
Electrical Engineering |

WORKING BACKGROUND

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| 2000 – Present | Universidad Simón Bolívar , Caracas, Venezuela
<u>Professor (Department: Conversion and Energy Transport)</u> <ul style="list-style-type: none">□ Regular courses for graduate and undergraduate students in Energy Control focused in supervision and real-time control systems.□ Special courses: Personnel Training for companies in the SCADA and real-time operations. |
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- 2000 – Present **Gencodata**, Caracas, Venezuela
General Manager
- ❑ Design and development of real-time solutions for the distribution network not included in the DMS for clients like PDVSA and the power utilities.
 - ❑ Marketing and preparation of specifications.
 - ❑ Final integration of the solutions.
 - ❑ Personnel and schedule control and supervision.
- 1999 - 2000 **C.A. La Electricidad de Caracas**, Caracas, Venezuela
Technical Consultant
- ❑ Design and Development of Electrical Applications for the DMS (Distribution Management System).
- 1989 – 1998
1997 – 1998 **C.A. La Electricidad de Caracas (EDC)**, Caracas, Venezuela
Section Chief – Applications in real-time
- ❑ Integration of the EMS (Energy Management System)
 - ❑ Evaluation and Preparation of Technical Specifications as part of a joint-venture with CAE Electronics.
 - ❑ Personnel supervising
- 1996 Group Leader / Project EDC at CAE Electronics (Montreal, Que.)
- ❑ Coordination of technical activities addressed to project control, which encompassed three seasoned engineers from EDC.
 - ❑ Local Liaison (based in Montreal) between EDC and CAE for development of the EMS.
- 1994 - 1995 Section Chief – Applications in real-time
- ❑ Put-in-operation of the DMS.
 - ❑ Training of operators and engineers for the operation of the new DMS.
 - ❑ Preparation of technical specifications for the future EMS.
 - ❑ Personnel supervision – database and graphic displays.
- 1992 - 1994 Section Chief – Applications in real-time
- ❑ Assignment as On-the-job-training at CAE Electronics in Montreal, Que.
 - ❑ Development of electrical applications for the DMS along with engineers at CAE Electronics.
 - ❑ Development and integration of exclusive applications for EDC.

1989 - 1994

Section Chief – Analysis and Programming of SCADA

- ❑ Maintenance and development of the EMS (Ferranti System).
- ❑ Studies of the network operation along with the Planning Unit

1987 – 1989

C.A.D.A.F.E., Puerto La Cruz, Anzoategui, Venezuela

Operations Engineer

- ❑ Technical support for the Dispatch center.
- ❑ Operation Planning