

LOUIS LAPOINTE, M. ENG., ENG., MB

Managing Director
Canadian citizen

Languages: French, English

- Engineer having 20 years of experience in project management, technical co-ordination in software development, industrial automation and process control, for consulting engineering firms as well as entrepreneurial companies in Canada, India as well as in other countries.
- Significant accomplishments in the industrial sector (aluminium smelter plants, metals), municipal (waste water treatment plants), chemical, food and manufacturing plants.
- Strong interest in strategic planning, software and mathematics.

EDUCATION

Master in Business Administration (MBA) <i>McGill University, Montreal, Quebec, Canada</i>	1997
Master in Electrical Engineering (Instrumentation & Process Control) <i>École Polytechnique de Montréal, Montreal, Quebec, Canada</i>	1983
B. Eng., Engineering Physics <i>École Polytechnique de Montréal, Montreal, Quebec, Canada</i>	1981
Pure and Applied Sciences collegial studies (DEC) <i>Collège Bois-De-Boulogne, Montreal, Quebec, Canada</i>	1977

TRAINING

Microsoft certified training course "Mastering MS Visual Basic (Advanced)" <i>PBSC, Montreal, Quebec, Canada</i>	1998
<i>Roger St-Hilaire Sales training seminar</i> <i>Montreal, Quebec, Canada</i>	1996
Distributed Control Systems (DCS) Configuration & Programming <i>Reliance Electric (Automax), Cleveland, Ohio, USA</i>	1993
Japanese language courses (beginner & intermediate levels) <i>Collège Bois-De-Boulogne, Montreal, Quebec, Canada</i>	1992
VLSI Integrated circuits design <i>École Polytechnique de Montréal, Montreal, Quebec, Canada</i>	1989
LISP Programming Language <i>Texas Instruments inc., Austin, Texas, USA</i>	1987
Simulation software (See-Why) and drawing packages (Autocad) <i>Lavalin, Montreal, Quebec, Canada</i>	1985

EXPERIENCE

Managing Director

Ahana Technologies Private Limited, Pondicherry, India 2001-...

Responsible for all technical and commercial aspects of this start-up company. Acting as a Project Manager for all the projects while training personnel and looking after all marketing aspects of the company and building a business network from scratch.

Area Manager

1999-00

SNC-Lavalin, Aluminium Division, Montreal, Quebec, Canada

Responsible of the design of the control system for the Electrolysis and alumina handling and to define the complete plant-wide PLC and Control architecture for Alcan's aluminum smelter plant 1.5 B\$ mega-project located in Alma, Province of Quebec, Canada. Responsible for the project-wide specifications for the programming and networking of all PLCs together using ControlNet as well as DeviceNet for this high-tech project.

Project Manager / Director of Operations

BJ & Associates, Anjou, Quebec, Canada 1997-99

Project manager for the Ville-Marie tunnel control system replacement project (1.5M\$) and various other automation / software development (industrial applications) projects. Responsible for staff management and resource planning (30 engineers and technicians) for the ongoing projects. Deeply involved in corporate strategic planning and project cost control tools implementation.

System Engineer

1996-97

CAE Electronics Ltd., Montreal, Quebec, Canada

In charge of technical co-ordination of 18 software development groups regarding the design and implementation of the Energy Management System (EMS) and the Distribution Management System (DMS) for the Queensland Electrical Transport Commission (Australia), a 16M\$ software development project involving a staff of 120 programmers. Was involved in the implementation of various management tools for the project (group schedules consolidation process and Risk Management).

Engineering Director

1994-96

Les Contrôles LEM, Montreal, Quebec, Canada

Responsible for the Engineering department management. Project manager of various ISO 9002 turnkey automation projects (control panels design and fabrication, PLC programming, on-site construction and start-up). Responsible of the major commercial proposals.

Administrator – President

1994-..

Aurore Informatique inc., Montreal, Quebec, Canada

Set-up and management of a small company and its various projects (medical instrumentation design and telemetry). Design and programming of image analysis software dedicated for a medical cancer early detection and monitoring device. The program was written in C++ for the Windows operating system. The project was shown at the Association Québécoise des Fabricants de l'Industrie Médicale (AQFIM) annual congress.

Senior Engineer – Automation and Process Control 1991-94

SNC-Lavalin, Industrial Division, Montréal

Member of the Industrial division's Total Quality Implementation Steering Committee.

Responsible of the DCS control system design and start-up for a paper fiber pneumatic supply system for the diaper lines of the Procter & Gamble plant, located in Belleville, Ontario.

Design of a control system for the cleaning of the cellulose dryer equipments at the Barr & Murphy plant, Boisbriand, Québec.

Responsible of the engineering of some modifications to the auxiliary boilers control system at the Hydr -Québec's thermal plant (Tracy, Quebec)

Engineer – Automation and Process Control 1987-91

Lavali – Fenco Lavalin inc., Montreal, Quebec, Canada

In charge of a study regarding the automation of rubber hoses production lines in the Granfor's plant, Granby (Quebec).

Responsible for the engineering, programming, construction and start-up of the Centre d'épuration Rive-Sud waste water plant's control system, having a capacity of 447,000 m³/ day, located in Longueuil (Quebec)

In charge of PLC programming for the Shawbec carbure plant, Shawinigan (Quebec).

In charge of an expert system development pilot project to provide indications regarding the lixiviation process to the operators of the CEZ plant, Valleyfield(Quebec).

Engineer 1984-87

Lavali – Cosigma inc., Montreal, Quebec, Canada

In charge of the evaluation of various expert system shells and assessment of their uses in process control applications. Experimentation of two of them for the control of a gypsum plant, Ciments Lafarge (France).

In charge of PLC programming and start-ups for various processes (coke an alumina material handling, carbon plant, foundry) in the ABI aluminium smelter plant, Becancour (Quebec)

Junior Engineer 1981-84

Lavali – Lalonde, Valois, Lamarre, Valois et associés inc., Montreal, Canada

In charge of graphical symbol standardisation used by the various engineering division in a quality insurance context

In charge of PLC programming for various systems for the Delaney pumped storage hydroelectric project, for Hydro-Quebec.

SUMMER JOBS

Technician

1980

Lavali – Lavalin Services inc., Montreal, Quebec, Canada

Participation in the metallurgical inspection of the Come-By-Chance (Newfoundland) refinery, for Petr -Canada.

Instrument man

1976-79

Transport Canada – Construction Division, Montreal, Quebec, Canada

Participation in various surveying projects in the Mirabel, Dorval and St-Hubert airports.

March 2003