

J.R. Gaulin

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PROFILE

Highly proficient **CHIEF SOFTWARE ARCHITECT** with 20 years experience building custom applications for major clients in the Automotive, Financial and Food industries using OO, C#, ASP.NET, SQL. Able to undertake complete application outsourcing or help with a specific stage of development. Expertises span the full spectrum of the Software Development Lifecycle (SDLC) from analysis, design, development, testing, deployment, and maintenance.

Looking to work with motivated individuals to accomplish successful projects.

EXPERTISE

- Custom Development and Maintenance
- Product Reengineering and Enhancement
- Application Integration
- Web Development
- Bilingual (English / French)
- C#, ASP.NET, VB.NET (5 years)
- SQL (10 years)
- JavaScript (5 years)
- C++, VB (10 years)
- C / x86 ASM (20 years)

ACHIEVEMENTS

- Developed highly customizable meta-based frameworks for delivering rich user interfaces and reducing project development time frames from days to hours.
- Extended an existing product suite to include a web-based data analysis and reporting interface. This added to the product's value proposition allowing the customer to compete more effectively.
- Implemented a real-time web-based OEE monitoring system.
- Built a matching system reducing the company's 24-hour turn-around period to a nearly instant same day process.
- Re-engineered client software to handle a 1000 fold increase in the quantity of data the system processes on a daily basis.

EDUCATION

University of Waterloo, Waterloo, Ontario, September 1996

Honours Bachelor of Mathematics Co-op

Major: Mathematics and Business Administration

Minor: Information Systems.

- Specialized in the analysis and design of Systems and Business Processes.
- Studied principles of Computer Science and Distributed Systems.
- Versed in the fields of Operations Research, Statistical and Financial Analysis, Marketing and Business Policy.

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RECENT ENGAGEMENTS

OASYS Integration Limited

- Currently developing the Service-In-Motion (SIM) product suite. A web-based system for companies performing inspection and maintenance of fire and safety system assets.
- Designed, developed, implemented and support the SureMeat system. A mixture of client-server applications, performing real-time product tracking, and web-based interfaces enabling procurement, settlement and packaging of product.
- Designed, developed, implemented and support the Quality Control System (QCS). A hosted application for companies that perform containment inspection in the automotive industry, using Blackberry handhelds to collect data.

Systematix Inc.

- Developed a real-time plant monitoring system. Collecting and calculating OEE data and making the data available via the browser. Deployed at several Tier II automotive companies.
- Applied a proprietary web-based meta-framework to enhance the vision system. Added an SQL database to the existing product for data collection, allowing for the tracking and reporting on several months of inspection history. Deployed at several Tier II automotive companies.
- Built a client-server based Press-Force Monitoring system and integrated the data collection into the same database structure as the Vision system resulting in a unified interface. Deployed at several Tier II automotive companies both domestic and international.
- Compensated for accounting system shortfalls by extending the custom reports and making those reports available via the corporate intranet.
- Provided Training and Mentoring to employees.

Metris International (formally Virtek International – ILS Division)

- Designed, developed and implemented a multi-axis Automation Controller to facilitate the positioning of a laser projector. Currently being used in the UK by a major aircraft builder.
- Developed applications to simplify product usage to the end-user.
- Developed component applications to execute complex mathematical algorithms.
- Provided extra development cycles to assist with timelines.