

## Terry Vandermaarel

519.672.5994

terry.vdm@vdmsystems.com

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### Profile

I have many years of experience developing business applications in the project management and accounting fields. Programming extends from utility applications interfacing Outlook data to a relational database, modules that need to perform a particular function as part of a larger project all the way up to complete systems for multi-user environments. A background in electronics also allows me to provide hardware solutions.

### Work Experience

April 1994 - Present

#### Senior Applications Programmer

VDM Management Systems Inc.  
51052 – 1593 Adelaide Street North  
London, Ontario  
N5X 4P9

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Part of a design and development team creating, maintaining & supporting a multi-user client/server business suite consisting of Java on both the front and back end. As well as the involvement of Javascript, JSP, Servlets, JSON and XML to communicate between the client and server.

Design and maintain a relational database for this suite to ensure a full and complete audit trail of every transaction.

Application testing and debugging to recognize patterns in the data. Identify potential issues, propose and implement solutions.

Custom software solution of office-wide faxing system consisting of Linux, open-source software and existing business suite.

Both phone and onsite support and training assisting clients through issues, difficult procedures and general understanding of the application.

Documentation of procedures for employees as well as manuals for clients.

#### Some Projects Completed since January 2010

**Client:** K&L Construction (Ontario) Ltd.

**Project Type:** RIA Web Application

**Project Description:**

Implemented a Health & Safety system to be used via a browser using ExtJS for the client and Java (JSP) on the server. Employees (superintendent) in the job trailer on site are able to enter data which is saved remotely to the office server for management to view and create reports.

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**Client:** SJMA Architecture Inc.

**Project Type:** Website Development

**Project Description:**

This client provided a general layout of the website ([www.sjma-arch.ca](http://www.sjma-arch.ca)) they wanted to see on completion of the project. From this information a Flash slideshow was created to implement custom navigation buttons in the color scheme of the client. jQuery Javascript library was incorporated to provide a rich interface for the user and allow the client to manage information via a control panel as projects are completed without the continuous need for a programmer.

**Project Type:** RIA Mobile Web Application

**Project Description:**

This site ([www.golfwithme.ca](http://www.golfwithme.ca)) is designed to run within a mobile browser to allow people to define upcoming golf games they will play and invite family and friends to join the site as well as a specific game. The mobile version of jQuery was used in this case and ensuring that the site runs in a wide variety of mobile devices. To a limited degree it also runs within desktop browsers.

November 1992 – July 1993

**Service Technician**

Northern Telecom

London, Ontario

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Independent electronic technician isolating and correcting issues with the new pay phone product being implemented.

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### Education

September 1987 - December 1990

#### **Electronics Technologist**

Fanshawe College  
London, Ontario

September 1986 – December 1986

#### **Systems Design Engineering**

University of Waterloo  
Waterloo, Ontario

### Skills

- Excellent problem solving.
- Able to efficiently work independently or in a team environment.
- Successful completion of applications using Java, C/C++, Javascript, Pascal, Basic or Assembly
- Understanding of the SQL language, relational and indexed databases.
- XML & JSON data structure processing in a web environment.
- Understanding of Unix-based systems.
- Able to keep contract work and processes confidential.
- Knowledge of general accounting principles.

### Hobbies & Interests

- Cycling
- Aikido
- Running
- Youth soccer coach

### References

Available upon request.